

620वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 13 जनवरी 2023

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल से पर्यावरणीय स्वीकृति हेतु प्राप्त परियोजनाओं के तकनीकी परीक्षण हेतु राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की 620वीं बैठक दिनांक 13/01/2023 को डॉ. पी.सी. दुबे की अध्यक्षता में आयोजित की गई, जिसमें समिति के निम्नलिखित सदस्य स्वयं/वीडियो कॉन्फ्रेंसिंग के माध्यम से उपस्थित रहें :-

1. श्री राघवेन्द्र श्रीवास्तव, सदस्य ।
2. प्रो. (डॉ.) रुबीना चौधरी, सदस्य ।
3. डॉ. ए.के. शर्मा, सदस्य ।
4. प्रो. अनिल प्रकाश, सदस्य ।
5. प्रो. (डॉ.) आलोक मित्तल, सदस्य ।
6. डॉ. जय प्रकाश शुक्ला, सदस्य ।
7. डॉ. रवि बिहारी श्रीवास्तव, सदस्य ।
8. श्री चन्द्र मोहन ठाकुर, सदस्य सचिव ।

सभी सदस्यों द्वारा अध्यक्ष महोदय के स्वागत के साथ बैठक प्रारंभ करते हुए बैठक के निर्धारित एजेण्डा अनुसार पर्यावरणीय स्वीकृति हेतु प्राप्त प्रोजेक्ट्सों का तकनीकी परीक्षण निम्नानुसार किया गया :-

1. Case No 6768/2020 M/s. MOIL Limited, Formerly Manganese Ore (India) Ltd, "MOIL Bhawan", 1A, Katol Road, Dist. Nagpur, Mah. – 440013 Prior Environment Clearance for Manganese Mine in an area of 76.409 ha. (1,50,000 tonne per annum) Village - Awalajhari & Bharveli,, Tehsil - Balaghat, Dist. Balaghat (MP)

This is case of Manganese Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village - Awalajhari & Bharveli,, Tehsil - Balaghat, Dist. Balaghat (MP) 76.409 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 423rd SEAC dated 11/02/2020 wherein ToR was recommended. PP has submitted the EIA report forwarded by SEIAA on-line and the same was scheduled in the agenda.

प्रकरण आज सेक की 615वीं बैठक दिनांक 30/12/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं जिस हेतु श्री विकास रंजन परीदा, संयुक्त महाप्रबंधक (खनन) ने ई-मेल दिनांक 29/12/22 के माध्यम से सूचित किया कि किन्ही कारणवश वे 30/12/22 को नियत इस प्रस्तुतीकरण में उपस्थित नहीं हो पा रहे अतः उनको आगामी बैठक में प्रस्तुतीकरण करने हेतु अनुरोध स्वीकार करे । समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

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The case again scheduled for EIA presentation the EIA was presented by Env. Consultant Shri Hari Prasad from M/s. ABC Techno Lab India Pvt. Ltd. Chennai (TN) and their representatives on behalf of PP Shri M.M. Abdulla, Director, Production & Planning (online), Shri. B. R. Parida, Joint GM, Mines & Shri C.B. Atulkar, Technical Director (Mine), MOIL, Nagpur wherein PP submitted that the proposed Manganese mine (76.409 hectares) will be developed as Mechanized Mine by Underground – Over hand flat back cut and fill stoping with back filling of sand hydraulically from surface to stope by HDPE pipes. The production capacity will be 1,50,000 TPA. During presentation, PP submitted following details:

- Mine Lease is situated at village – Awalajhari & Bharveli, Tehsil & District- Balaghat, State- Madhya Pradesh
- Total Lease Area - 76.409 Hectares
- The project is proposed for mining of Manganese Ore by underground method.
- Proposed capacity of underground production is 1,50,000 TPA.
- Life of mine: 5092713 T/ 150000 T will be around 33.95 years say 34 years.
- Forest Land within Lease area – NIL.
- NOC from CGWA obtained vide letter no CGWA/NOC/MIN/ORIG/2022/15925; Valid from 04/07/2022 & Valid up to 03/07/2024.
- No National Park, Wildlife Sanctuary, Biosphere reserve, Tiger Reserve, Elephant Reserve are present in the 10 km periphery of the study area.
- There is no litigation pending against the project/ project proponent.
- As per the scientific reports, barrier pillar, rib pillar are considered. Around 11% loss (Blocked) in pillars is considered for mineable reserves).
- Depth of Mining Operation – 22 AMSL to -113 AMSL.
- Mining Lease was granted for a period of 50 years (16.08.2016 to 15.08.2066) by Department of Mineral Resources, Government of M. P. vide letter no. F-3-25/2013/12/2, dated 26.05.2016 .
- The Mining plan was earlier approved by IBM, Nagpur Regional Office, L.No.BGT/MN/ MPLN-1166/NGP/2015, dated 21/03/2016 for the period 16. 08. 2016 to 31.03.2021.
- Review of Mining Plan (under Rule 17(2) of MCR2016) has been approved by Indian Bureau of Mines vide Approval Letter No. MP/BGT/MN/RMP562021-22 dated 28.01.2022 for the proposal period of 2021-22 to 2025-26.

PP further submitted that there are no National parks, sanctuaries, Biosphere Reserves, Wildlife Corridors and Tiger/Elephant Reserves (existing as well as proposed) around 10 km of the mine lease. The proposed project is Greenfield project for production of Manganese ore by Underground mining method as per the approved mining plan by Indian

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Bureau of Mines. Subsidence study will be carried out after commissioning of project as per statutory rules and regulations. The provisions of the Mines Act, Rules, Regulations & orders made there under will be complied with, so that the safety of mine, machinery & the persons will be ensured, permission, relaxation or exemption wherever required for the safe & scientific mining of the deposit will be from the department of Mines Safety. All the safety measures will be implemented while mining.

During discussion committee has instructed to re-assess the Ground water requirement. PP submitted corrected detail ground water requirement and water balance flow chart depicted in EIA report. The PP has stated that they have incorporate/ suggested issues which were raised during public hearing under the CER/EMP activities. The committee suggested these activities shall be incorporated physical target based wrt name of villages, Schools, ponds etc. The PP submitted Drinking Water Facility shall be provided in nearby villages (namely Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, and Ameda). PP also submitted name of local govt. school villages where educational facilities like LED projector, screen, Stationery, Books etc., will be provided as in Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda; Bharweli & Awalajhari. Moreover beautification (Ghat Concreting, children park, sitting arrangement, etc.), of pond and cleaning of drain shall be carried out in Bada Talav at Bharweli, Jagpur talav, Manegaon Talav)

PP submitted that plantation at Shankar Tekdi revenue land area – 3.7 ha shall be carried out by planting 9250 nos. of plants along with fencing in consultation with the consultation of Territorial South DFO, Distt. Balaghat. PP also contributing Rs. 05.00 Lakhs towards welfare of forest staff at Kanha National Park . Health camps are also proposed in the half yearly basis as per public hearing demand in the for local adjoining villagers & family members at Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda; Bharweli & Awalajhari villages.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for Manganese Mine in an area of 76.409 ha. (1,50,000 tonne per annum) Village - Awalajhari&Bharveli,, Tehsil - Balaghat, Dist. Balaghat (MP), subject to the following special conditions:

I. Statutory compliance:

- I. This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any Court of Law, Common Cause Conditions as may be applicable.

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- II. The project proponent complies with all the statutory requirements and Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations (if applicable to the project).
- III. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgments of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors. (If applicable to the project).
- IV. The Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board Wildlife, if applicable to the project. (If applicable to the project).
- V. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project (if applicable to the project).
- VI. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/Consent to Operate from the concerned State Pollution Control Board/Committee.
- VII. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Department & Regulation, Act, 2015 and rules & regulations made there under PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.
- VIII. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it if applicable to the Project.
- IX. The project proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II(M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
- X. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.
- XI. The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership of mining lease is

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transferred than mining operation shall only be carried out after transfer of EC as per provision of the Para-11 of EIA Notification, 2006 as amended from time to time.

II. Air quality monitoring and preservation

- I. The Project Proponent shall monitor critical parameters, relevant for mining operations, of air pollution viz, PM10, PM2.5, NO2, CO and SO2 etc. covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building. Canteen etc. as per the site condition to ascertain the exposure characteristics at specific places.
- II. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc) shall be carried out in areas prone to air pollution wherein high levels of pM10 and PM2.5 are evident such as haul road. Loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/machineries and preventive maintenance. In shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/Central Pollution Control Board.

III. Water quality monitoring and preservation

- I. In case immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- II. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in an around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operating in consultation with Central Ground Water Authority /State Ground Water Department.
- III. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby adjacent to the mine lease and maintain its records. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August) post monsoon (November) and winter (January) and the record of

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monitored data may be sent regularly to Ministry of Environmental. Forest and Climate Change and its Regional Office,

- IV. Project Proponent shall plan develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water/State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional office MoEFCC annually.
- V. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

IV. Noise and Vibration monitoring and preservation

- I. The peak particle velocity at 500 m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- II. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM etc. should be provided with ear plugs/muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case in has been found that workers/personals/laborers are working without personal protective equipment.

V. Mining plan

- I. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc. NO change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz, method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining etc) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.

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- II. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the provision of the MMDR Act, 1957 and Rules/Guidelines made there under.
- III. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan.

VI. Land Reclamation

- I. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S. w.r.t safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.
- II. The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by DGMS w.r.t safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.
- III. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum progressive Mine Closure Plan.
- IV. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface runoff. The selection of local species regulates local climate parameters and help in adaptation of plan species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dump. The dump mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/leveling of dump mass. In critical areas, use of geo- textiles/ geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.
- V. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slop stability report shall be submitted to concerned regional office of MoEF&CC
- VI. Garland drain , Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top soil/OB/Waste

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dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/River/Pond etc). The collected water should be utilized for watering the mine area roads, green belt development, plantation etc. The drain /sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season and maintained properly.

- VIII. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments of sediments/silt material. The sedimentation pits/sumps shall be constructed at the corners of the garland drains.
- IX. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as per the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.
- X. The existing and proposed land use plan of the mine is as follows:

S. No.	Heads	At Present Ha.	At the end of 5yrs-Ha	At the end of conceptual period-Ha
1	Area Under Mining	0	3.02	3.02
2	Storage of Top Soil	-	-	-
3	Overburden Dump (S)	0	1	0
4	Mineral Storage	0	0	0
5	Infrastructure (Admin Block, Staff room Etc.)	0	0	0
6	Roads	0.864	0.50	1.364
7	Greenbelt	0	6.80	12.95
8	Tailing Pond(S)	-	-	-
9	Effluent Treatment Plant.	-	-	-
10	Mineral Separation Plant	0	0	0
11	Others To Specify (Retaining Wall, Settling Tank & Garland Drain)	0	6.15	0

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12	Un-worked land	75.545	59.939	59.075
13	Total land	76.409	76.409	76.409

VII. Transportation

- I. No Transportation of the minerals shall be allowed in case of roads passing through villages/habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling with also be done regularly. Vehicular emission shall be kept under control and regularly monitored. Project should obtain Pollution under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
- II. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VIII. Green Belt

- I. Green Belt development shall be carried out in the revenue land outside of the lease area (Shankar Tekdi revenue land area – 3.7 ha @ 2500 plant/ha = 9250 plant along with fencing in consultation with Territorial South DFO, Balaghat) and plantation in local schools will be by 800 nos. of plants. Apart from this 2050 nos of plants shall be carried out in road side avenue plantation. Plantation shall be done within 05 years as following species and suggested by forest department:

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S. No	Species name	Botanica Name
Tree		
1	Shisham& Kala Shisham	Delbergiasisso
2	Ardu or Mahaneem	Ailanthus excelsa
3	Khejri	Prosopis cineraria
4	Indian Elm	Holopteleaintegrifolia
5	Gum Arabic tree	Acacia senegal
6	Karanj	Pongamiapinnata
7	Imli	Tamarindusindica
8	Babool	Acacia nilotica
9	Jungle Jalebi	Pithecellobium dulce
10	Ronj	Acacia leucophloea
11	Neem	Azadirachtaindica
12	Ber	Zizyphusmauritiana
13	Siris tree	Albizialebeck
14	Pipal	Ficusreligiosa
15	BijaKussum	-
Shrubs / Herbs		
15	Munja grass	Saccharum munja
16	PeeliKaner	Thevetia peruviana
17	VilayatiBabool	Prosopis juliflora
18	Arandi	Ricinus cummunis
19	Kaner	Nerium Indicum
20	Sarphonka	Tephrosiahamiltonii
21	"Red (Yellow, Wild) Sage"	Lantana camara
22	Buffel Grass	Cenchrusciliaris
23	Kans grass	Saccharum spontaneum
24	Makara or crowfoot grass	Dactylocteniumaegyptium
25	Bui	Aervatomentosa
26	Purple three awn or Bunch grass	Aristida purpurea

- II. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun should be scrupulously guarded/protected against felling the plantation of such trees should be promoted (if applicable).

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IX. Public hearing and human health issues

- I. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly.
- II. The proponent shall also create awareness and educate the nearby community and workers for sanitation, Personal Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.
- III. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- IV. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

X. EMP& Corporate Environment Responsibility (CER)

- I. For Environment Management Plan PP has proposed Rs. 17.0 Lakhs as capital and Rs. 6.87 Lakhs as recurring cost for this project.
- II. PP has proposed Rs 153.50 Lakhs under Corporate Environment Responsibility (CER) for remaining project component as follows:

Allotted Budget (3 years programme) Rs. Lac					
Sr. No.	Activities	1 st Yr	2nd Yr	3rd Yr	Total
1	Drinking Water Facility in nearby villages (name of villages- Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda; no of hand pumps -7)	0	7.5	0	7.5
2	Providing Educational facilities like LED projector, screen, Stationery, Books etc in local govt. school, Total No of Schools – 10 (villages- Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda; Bharweli&Awalajhari)	0	5	2	7

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3	Beautification of pond (Ghat Concreting, children park, sitting arrangement, etc.), Nallah Cleaning –(Name of Pond – 0.6 ha Bada Talav at Bharweli, Jagpurtalav 1.25 ha, ManegaonTalav 1.5 ha)	0	10	5	15
4	Tree guard + plantation in school (8 govt. schools at Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda - 800 plants with tree guard)	0	8	0	8
5	High mask LED fitting, Solar power street light in Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda	0	10	5	15
6	Rainwater harvesting	0	5	2	7
7	Plantation at Shankar Tekdi revenue land area – 3.7 ha@ 2500plant/ha = 9250 plant along with fencing in consultation withTerritorial South DFODFO @Rs.650/plant with maintenance (3 years)	0	40	40	80
8	Rs. 5 Lac deposit to Director – Kanha National Park towards welfare of forest staff	5	0	0	5
9	Health camps @ half yearly for local adjoining villagers & family members at Hirapur, Manjhara, Tawejhari, Dhansuva, Jagpur, Ameda; Bharweli&Awalajhari villages	3	3	3	9
	Grand Total	8	88.5	57	153.5

- III. The annual report of all activities carried out under CER shall be submitted to CEO of concerned Janpadpanchayat alongwith the copy of EC as part of compliance.
- IV. The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M. No. 22-65/2017-IA.II(M) dated 01/5/2018 or as proposed by SEAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual and annual report of implementation of the same along with documentary proof viz. photography's. Purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
- I. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate count and refrain from diverting the same for other purpose. The Year wise expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.
- XI. Miscellaneous**
- I. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEFCC.

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- II. The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- III. The project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MoEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
- IV. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientist and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.
- V. The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data/information/monitoring report.

2. Case No 8025/2020 M/s MOIL Limited, Shri Kishore Chandraker, Senior DGM, MOIL Bhavan, 1A, Katol Road, Dist. Nagpur, Mah. – 440013. Prior Environment Clearance for Expansion of Manganere Ore Mine in an area of 69.581 ha. (10,000 to 1,20,000 Tonne per annum) Khasra No. Lugma : 61, 58/1, 58/2, 58/3, 60/1, 60/2, 60/3, 62/02, 62/9, 56/1, 56/2, P.O.5, P.O.64, 65/1 to 65/6, 66P.O., 68, 49/1 to 49/8 P.O.57, 42/1, 42/2, 67/1 to 67/6, 43/1 to 43/4, 45/1 P.O.45/2, P.P.46, 92/1, 92/2, 93, 94, 95, P.O.98/1 to 98/9 Ukwa : P.O.5, 6/2, 7, 9, 10, 12 Tehsil - Paraswada, Dist. Balaghat, (MP).

This is case of Expansion of LUGMA-UKWA MANGANESE ORE MINING PROJECT". The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Village - Lugma - Ukwa, Tehsil - Paraswada, Dist. Balaghat, (MP) 69.581 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 473rd SEAC dated 07/01/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded by SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented in 606th SEAC dated 14/11/2021 Env. Consultant Shri G. k. Mishra from M/s. GMEC International Pvt Ltd. Jaipur and their representatives on behalf of PP Shri C.B. Atulkar, Technical Director (Mine), MOIL, Nagpur.

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In the begning of presentation, it was observed by the committee that accreditation of the Environmental consultancy firm certificate M/s. GMEC International Pvt Ltd. Jaipur has expired on 07.11.2022 for which consultant submitted that they have applied for its renewal and same is yet not renewed. Committee deliberated that at the time of presentation the environmental consultancy firm does not have valid accreditation at the time of appearing before the SEAC and thus cannot make presentation in accordance with the MoEF&CC OM dated 03.03.2016 which reads as follows:

“.....shall be allowed to prepare the EIA & EMP of a project in that sector and category and to appear before the concern Expert Appraisal Committee (EAC) or the stated Expert Appraisal Committee.”

Committee after deliberations decided that this case shall be further considered after producing valid accreditation certificate from NABET/QCI through on line Portal PARIVESH and instructed consultant to submit the same within 30 days time for further consideration of the case.

परियोजना प्रस्तावक द्वारा उपरोक्त जानकारी दिनांक 07/12/22 को परिवेश पोर्टल पर अपलोड कर दी गई है, जिसे आज दिनांक 23/12/22 को समिति के समक्ष रखा गया ।

Vide letter dated 07/12/2022 Env. Consultant M/s. GMEC International Pvt ltd. Jaipur submitted the extension of their validity of extension from NABET/QC on line on PARIVESH Portal. Hence, this case is scheduled in this agenda.

The EIA was presented by Env. Consultant Shri P.M. Jain from M/s. GMEC International Pvt ltd. Jaipur and their representatives on behalf of PP Shri MM Obdulla, Technical Director (Production), MOIL, Nagpur, (Online) wherein stated that vide NABET/QC letter no. 2596 dated 02.12.2022 informed that extension of validity of accreditation of M/s. GMEC International Pvt ltd. Jaipur has been extended till 01.03.2023. PP submitted that Mine Lease is situated near village – Lugma & Ukwa, Tehsil – Paraswara, District-Balaghat, Madhya Pradesh. The existing project is for mining of Manganese Ore by underground method. Total Lease Area - 69.581 hec., the proposed capacity for expansion of underground production is from 10,000 MTPA to 1,20,000 MTPA. Initial Lease Grant was up to 30.09.1977 then 1st Renewal – 20 Years (15.09.1985 to 14.09.2005) and 2nd Renewal - 20 Years (15.09.2005 to 14.09.2025) – vide no. F 3-25/10/12/2 dated: 27/09/2010 of Government of Madhya Pradesh, Department of Mineral Resources Bhopal. There is no forest Land within Lease area and no National Park, Wildlife Sanctuary, Biosphere reserve, Tiger Reserve, Elephant Reserve are present in the 10 km periphery of the study area. There are no inhabitants in and around the mine lease area. The Consent to

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Operate is granted by M.P. Pollution Control Board vide no. AWH-48925 which is valid up to 30/04/2023. Moreover, NOC from CGWA obtained vide letter no CGWA/NOC/MIN/ORIG/2021/13514 which is valid from 27/10/2021 & Valid up to 26/10/2023. PP further submitted that, MoEF&CC has accorded Environmental Clearance for production capacity of 10,000 MTPA vide no. J-11015/437/2008-IA.II(M) dated 22/12/2008 under EIA Notification, 2006. The Certified EC compliance has been issued by MoEF&CC vide File No. 3-3/2009 (Env)/089 dated 11.05.2022 and there is no litigation pending against the project/ project proponent.

Project Chronology

S. No.	Date	Letter No.	Subject Brief
1	22/12/2008	J-11015/437/2008-IA.II(M)	Environmental Clearance for 10,000 TPA from Underground.
2	28.02.2020	MP/Balaghat/Manganese/RMP-34/19-20/681	Modification of Review of Mining Plan and Progressive Mine Closure Plan Approved by IBM, Jabalpur.
3	04.08.2020	Proposal No.-SIA/MP/MIN/40119/2019	ToR Submission
4	21.12.2020	File No.8025/2020	Issuance of Standard ToR
5	07.01.2021	SEAC – 473 rd Meeting	Issuance of Additional ToR Points .
6	02.12.2021	Public Hearing	Public Hearing conducted on 02.12.2021 at Project site.

PP further submitted that comprehensive hydro-geological study has been conducted and CHGR submitted to CGWA. Aquifer detail and ground water intersection are detailed in CHGR. No mine seepage water is discharged to outside of mine lease area. Mine water is used for mining operations, hydraulic sand stowing, dust suppression, green belt development and plantation purposes. Mine discharged water is pumped out and recycled for various operations through sedimentation tank. Underground ROM is transported to surface through vertical shaft with mine tubs. From vertical shaft to ore sorting area, transportation is done by tippers of 25 ton capacity for 0.8 km concreted road within mine lease. Cleaned ore is dispatched through 25 tonner dumper to various ferro-alloy plants through internal concrete road of 0.45 km and thereafter through SH-26.

During presentation PP submitted that they have obtained MoEF&CC compliance report of earlier EC conditions vide File No. 3-3/2009 (Env)/ 089 dated 11.05.2022 wherein no NCs

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are reported. In earlier EC it was stipulated that 10,000 trees shall be planted within lease area through Van Vihkas Nigam for which no documentary evidences were provided by PP during presentation. Moreover, PP was unable to explained ground water impacts in the surrounding areas though this was one of the TOR point (as GW is proposed to be intersected and for which Hydro-geological studies was conducted). Committee after presentation and deliberation asked PP to submit response on following issues such as:

1. Carbon footprint analysis due to increased production capacity wrt to number of vehicles, pumps etc for enhanced production.
2. Mark evacuation route on Google map from vertical shaft to the storage yard/ore sorting area.
3. Details of ETP up gradation status as submitted in compliance report.
4. Credible proof to justify that 10,000 saplings has been planted by “Van Vikas Nigam” alongwith scheme of plantation submitted by Van Vikas Nigam and completion report of Divisional Manager, Van Vikas Nigam.
5. Re-assess the transportation load for additional production as only 12 trips has been proposed in the EIA report which seems to be in-adequate.
6. Please justify why in the EIA report’s table no. 3.9 analysis of Manganese was not reported in the surface water.
7. Provide details about impacts of dewatering on ground water level of surrounding areas due to this mine.

Vide letter dated 29/12/2022 Env. Consultant M/s. GMEC International Pvt ltd. Jaipur submitted query reply on-line on PARIVESH Portal which were raised in the 614th SEAC dated 23/12/2021. Hence, this case was scheduled in this agenda.

The query reply was presented by PP Shri M.M. Abdulla, Director, Production & Planning (online), Shri. B. R. Parida, Joint GM, Mines & Shri C.B. Atulkar , Technical Director (Mine), MOIL, Nagpur wherein PP submitted that they have submitted the revised Carbon footprint analysis due to increased production capacity w.r.t no of vehicles, pumps etc for enhanced production and marked evacuation route on Google map .PP further submitted that detail of ETP up-gradation have been submitted alongwith certificate for completion of plantation issued by Divisional Manager, Van Vikash Nigam. They have Re-assessment the Transportation load due to incremental production capacity as suggested by committee. In the submitted reply PP stated that the impact of mine dewatering in the surrounding areas of Lugma-Ukwa underground mine has been carried out by expert ground water consultant which concludes that, ‘the impact of mine dewatering is not observed prominently in the area as the above hydrograph indicates that there is an increase in water levels during post and pre-monsoon periods of 2018 to 2020. It is noted that the maximum quantity of dewatered mine water is reused for refilling of underground mine. PP also submitted that

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Construction of parapet well in approximately 100 wells in villages within 10 km along with water drawing arrangement for protection of human beings and wild life and Health camps and medical facility for Lugma Village is also proposed.

The Committee observed that the EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Prior Environment Clearance for expansion of Manganese Ore Mine in an area of 69.581 ha. from 10,000 MTPA to 1,20,000 MTPA Village - Lugma & Ukwa, Tehsil – Paraswara, District- Balaghat, Madhya Pradesh subject to the following special conditions:

I. Statutory compliance:

- I. This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any Court of Law, Common Cause Conditions as may be applicable.
- II. The project proponent complies with all the statutory requirements and Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations (if applicable to the project).
- III. The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgments of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors. (if applicable to the project).
- IV. The Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board Wildlife, if applicable to the project.
- V. This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, if applicable to the Project (if applicable to the project).
- VI. Project Proponent (PP) shall obtain Consent to Operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining Consent to Establish/Consent to Operate from the concerned State Pollution Control Board/Committee.
- VII. The PP shall adhere to the provision of the Mines Act, 1952, Mines and Mineral (Department & Regulation, Act, 2015 and rules & regulations made there under PP

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shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian Bureau of Mines from time to time.

- VIII. The Project Proponent shall obtain consents from all the concerned land owners, before start of mining operations, as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it if applicable to the Project.
- IX. The project proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II(M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" .
- X. The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.
- XI. The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership of mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provision of the Para-11 of EIA Notification, 2006 as amended from time to time.

II. Air quality monitoring and preservation

- I. The Project Proponent shall monitor critical parameters, relevant for mining operations, of air pollution viz, PM10, PM2.5, NO2, CO and SO2 etc. covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building. Canteen etc. as per the site condition to ascertain the exposure characteristics at specific places.
- II. Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc) shall be carried out in areas prone to air pollution wherein high levels of pM10 and PM2.5 are evident such as haul road. Loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/machineries and preventive maintenance. In shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/Central Pollution Control Board.

III. Water quality monitoring and preservation

- I. In case immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
- II. Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in an around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operating in consultation with Central Ground Water Authority /State Ground Water Department.
- III. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby adjacent to the mine lease and maintain its records. It shall be ensured that no obstruction and/or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/bodies existing in lease area shall be carried out four times in a year viz. pre-monsoon (April-May), monsoon (August) post monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environmental. Forest and Climate Change and its Regional Office,
- IV. Project Proponent shall plan develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water/State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional office MoEFCC annually.
- V. Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

IV. Noise and Vibration monitoring and preservation

- I. The peak particle velocity at 500 m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- II. The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM etc. should be provided with ear plugs/muffs. All personnel including laborers working in dusty

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areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case in has been found that workers/personals/laborers are working without personal protective equipment.

V. Mining plan

- I. The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e. quantum of mineral, waste, over burden, inter burden and top soil etc. NO change in basic mining proposal like mining technology, total excavation, mineral & waste production, lease area and scope of working (viz, method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining etc) shall not be carried out without prior approval of the Ministry of Environment, Forest and Climate Change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.
- II. The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as required under the provision of the MMDR Act, 1957 and Rules/Guidelines made there under.
- III. The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan.

VI. Land Reclamation

- I. The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per the guidelines/circulars issued by D.G.M.S. w.r.t safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The topsoil shall be used for land reclamation and plantation.
- II. The reject/waste generated during the mining operations shall be staked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width and angle of slope shall be governed as per the approved Mining Plan as per

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the guidelines/circulars issued by DGMS w.r.t safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

- III. The reclamation of waste dump sites shall be done in scientific manner as per the Approved Mining Plan cum progressive Mine Closure Plan.
- IV. The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface runoff. The selection of local species regulates local climate parameters and help in adaptation of plan species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dump. The dump mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/leveling of dump mass. In critical areas, use of geo- textiles/ geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.
- V. The Project Proponent shall carry out slope stability study in case the dump height is more than 30 meters. The slop stability report shall be submitted to concerned regional office of MoEF&CC
- VI. Garland drain , Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/River/Pond etc). The collected water should be utilized for watering the mine area roads, green belt development, plantation etc. The drain /sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season and maintained properly.
- XII. Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments of sediments/silt material. The sedimentation pits/sumps shall be constructed at the corners of the garland drains.
- XIII. The top soil, if any, shall temporarily be stored at earmarked site(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved Mining Plan and as pre the guidelines framed by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of dumps. The topsoil shall be used for land reclamation and plantation purpose.
- XIV. The existing and proposed land use plan of the mine is as follows:

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<u>S. No.</u>	<u>Activities</u>	<u>Present land use pattern</u> <u>(In Ha)</u>	<u>At the End of plan Period</u> <u>(In Ha)</u>	<u>At the Conceptual Stage</u> <u>(In Ha)</u>
1.	Area under mining	1.50	1.50	1.50
2.	Waste Dump Site	1.0	1.80	1.80
3.	Infrastructure – Workshop, Administrative Building etc.	0.30	0.50	0.50
4.	Roads	0.50	0.80	0.80
5.	Other to specify (Green Belt)	1.25	23.05	23.05
Sub Total		4.55	27.65	27.65
Area Remained Untouched		65.031	41.931	41.931
Total Area		69.581	69.581	69.581

VII. Transportation

- I. No Transportation of the minerals shall be allowed in case of roads passing through villages/habitations. In such cases, PP shall construct a ‘bypass’ road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling with also be done regularly. Vehicular emission shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
- II. The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards

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etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

VIII. Green Belt

- I. Green Belt development shall be carried out over 23.05 ha with total 22960 plants. As the lease area consists of agricultural land, the plantation shall be done by planting over nearby lease area owned by MOIL Limited within 05 years. Following species as suggested by forest department:

S. No	Species name	Botanical name
Tree		
1	Shisham& Kala Shisham	Delbergiasisso
2	Ardu or Mahaneem	Ailanthus excelsa
3	Khejri	Prosopis cineraria
4	Indian Elm	Holopteleaintegrifolia
5	Gum Arabic tree	Acacia senegal
6	Karanj	Pongamiapinnata
7	Imli	Tamarindusindica
8	Babool	Acacia nilotica
9	Jungle Jalebi	Pithecellobium dulce
10	Ronj	Acacia leucophloea
11	Neem	Azadirachtaindica
12	Ber	Zizyphusmauritiana
13	Siris tree	Albizialebeck
14	Pipal	Ficusreligiosa
15	BijaKussum	-
Shrubs / Herbs		
15	Munja grass	Saccharum munja
16	PeeliKaner	Thevetia peruviana
17	VilayatiBabool	Prosopis juliflora
18	Arandi	Ricinus cummunis
19	Kaner	Nerium Indicum
20	Sarphonka	Tephrosiahamiltonii
21	"Red (Yellow, Wild) Sage"	Lantana camara

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22	Buffel Grass	Cenchrusciliaris
23	Kans grass	Saccharum spontaneum
24	Makara or crowfoot grass	Dactylocteniumaegyptium
25	Bui	Aervatomentosa
26	Purple three awn or Bunch grass	Aristida purpurea

- II. The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun should be scrupulously guarded/protected against felling the plantation of such trees, should be promoted. (If applicable).

IX. Public hearing and human health issues

- I. The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly.
- II. The proponent shall also create awareness and educate the nearby community and workers for sanitation, Personal Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene. Hand washing, not to defecate in open. Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line HRA for all the category of workers and thereafter every five years.
- III. The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- IV. The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

X. EMP& Corporate Environment Responsibility (CER)

- II. For Environment Management Plan PP has proposed Rs. 70.0 Lakhs as capital and Rs. 31.48 Lakhs as recurring cost for this project.

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- III. PP has proposed Rs 258 Lakhs under Corporate Environment Responsibility (CER) for remaining project component as follows:

S. No.	Particulars	Cost Provision (In Lakhs)
1.	Fundamental Facilities	
a	Drinking Water Facilities in nearby villages at ukwa, lugmaetc (15 Borewells)	30
b	Health care supplies to PHC at Ukwa (equipments and infra)	75
c	Construction of community hall premises for nearby villages as per demand by Gram Panchyat	40
d	Boundary wall construction at samnapur repairing infrastructures at anganwadi at Samnapur and ukwa and Eklavya school of tribal education	65
e	Concreting of existing earthen drainage and nallah at nearby villages and football ground maintenance	15
f	Providing educational facilities like LED projector screen etc at Ukwa School and Eklavya School	15
g	Additional Solar street light provision for local gram panchayat at ukwa and lugma	5
h	Rs. 5 Lac to be deposited to Director Kanha National Park for rescue of wildlife occurring in nearby villages in the first year of grant of EC.	5
i	Construction of parapet wall in Approximately 100 wells in villages within of 10 km along with water drawing arrangement for safety of human and animals.	5
j	Health camps and medical facility for Lugma Village	3
Total		258

- IV. The annual report of all activities carried out under CER shall be submitted to CEO of concerned Janpadpanchayat alongwith the copy of EC as part of compliance.
- V. The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M. No. 22-65/2017-IA.II(M) dated 01/5/2018 or as proposed by SEAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual and annual report of implementation of the same along with documentary proof viz. photography's. Purchase documents, latitude & longitude of infrastructure developed

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& road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.

- VI. Project Proponent shall keep the funds earmarked for environmental protection measures in a separate count and refrain from diverting the same for other purpose. The Year wise expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.

XI. Miscellaneous

- I. The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEFCC.
- II. The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
- III. The project Proponent shall submit six monthly compliance report on the status of the implementation of the stipulated environmental safeguards to the MoEFCC& its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
- IV. A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientist and Mining Engineers shall be appointed and submit a report to RO, MoEFCC.
- V. The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data/information/monitoring report.

3. Case No 8894/2021 M/s J.K. Medical Waste Management System, Smt. Pramila Sharma, Partner, House No. 85, Vinay Graha Nirman Society, Bawadiya Kalan, Dist. Bhopal, MP Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility, at Village - Rauda Chhapar, Tehsil & Dist. Shivpuri, MP

This is case of Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility, at Village - Rauda Chhapar, Tehsil & Dist. Shivpuri, M.P. Earlier this case was scheduled for presentation and discussion in 555th SEAC dated 24/02/2022 wherein ToR was recommended and issued vide letter NO. 3379 dated 17/03/22. PP has online submitted the EIA report forwarded through SEIAA and the same was scheduled in the agenda.

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The case was scheduled for the presentation wherein it was observed that PP vide their e-mail dated 06.12.2022 informed that due to unavoidable circumstances they are unable to attend the meeting dated 07.12.2022 and requested to defer the case for presentation & provide an opportunity to present case in the next upcoming agenda. The committee accepted PP's request and deliberated that this case may be scheduled in the subsequent SEAC meeting as per PP's request. If PP even remains absent in the meeting when this case is scheduled for presentation, the case shall be delisted assuming that PP is not interested to continue with the project.

In this meeting the EIA was presented by Environment Consultant Shri G.K. Mishra (online) from M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram and Mrs. Pramila Sharma. During presentation following details were furnished by the PP:

- ❖ M/s. JK Medical Waste Management System is proposing to establish Common Bio-Medical Waste Treatment Facility in Rauda Chhapar, Shivpuri District to provide cleaner and healthier environment.
- ❖ The project Incharge is M/s. JK Medical Waste Management System (Proprietor).
- ❖ The project site is plot having an area of 4200 Sq.mt. (1.03 Acre) land is on lease for proposed Common Bio Medical Waste Treatment Facility.
- ❖ A Common Bio-medical Waste Treatment Facility (CBWTF) is a set up where bio-medical waste, generated from a number of healthcare units, is suitably treated to reduce adverse effects that this waste may pose. The treated waste may finally be sent for disposal in a secured landfill or for recycling purposes.
- ❖ Collection, transportation, storage & treatment of Bio Medical Waste as stipulated in Bio-medical Waste (Management & Handling) Rules 1998 as amended in 2016 and CPCB Guidelines for installation of Common Bio-medical Waste Treatment Facility.
- ❖ The project is categorized under Item 7(d)(a) of the Schedule-Gazette Notification dated 17th April, 2015 of MoEF&CC, therefore, the project requires prior Environmental Clearance.
- ❖ Project was considered for TOR in 555th meeting of SEAC held on 24.02.2022 and 709th SEIAA meeting held on 07.03.2022 and got TOR on dated 17.03.2021.
- ❖ The environment baseline data for the project was obtained for the season of winter, 2021-22 i.e., 1st December 2021 to 28th February 2022.

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF)
Promoter	Mrs. Pramila Sharma of M/s JK Medical Waste Management System
Location of Industry	Khasra no. 356, Rauda Chhapar, District Shivpuri (M.P)

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Total Plot Area	4200 Sq.mt. (1.03 Acre)
Open Area	2940.0 sq.mt.
Green Area	1421.17 sq. mt.
Capacity	<ul style="list-style-type: none"> ❖ 1 No. Incinerator of capacity 200 kg/hr (Dry) ❖ 1 No. Autoclave of capacity 1000 kg/hr ❖ 1 No. Shredder of capacity 200 kg/hr each ❖ ETP Capacity – 7.5 KLD
Water Requirement	Approximately 5 KLD of water required during construction of the unit from Ratikirar Village Panchayat. During construction phase, required water will be sourced by government.

PROJECT SITE JUSTIFICATION

Location	The CBWTF shall be located as near to its area of operation as possible in order to minimize the travel distance in waste collection.	CBWTF site is located near Khasra No. 356, Vill.: Rauda chhapar, District – Shivpuri, Madhya Pradesh
	A CBWTF shall be located at a place reasonably far away from residential and sensitive area so that it has minimal impact on these areas.	CBWTF is reasonably far away from residential and sensitive areas.
	The location shall be decided in consultation with the State Pollution Control Board (SPCB)/Pollution Control Committee (PCC).	The project will commence only after acquiring necessary NOC from Madhya Pradesh Pollution Control Board.
Land Requirement	Minimum required land for CBWTF is 1 acre to provide sufficient space for project machinery and vehicle movement.	The project area is 1.03 Acre(4200 sq.m.).

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Coverage Area	The coverage area of CBWTF site should be only one site for catering 10,000 beds or 150 kms radius.	Only one CBWTF site is available in Shivpuri district.
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GAP ANALYSIS

Sr. No.	District	Distance	No. of Beds
01	Shivpuri – Shivpuri	0 Km	1170
02	Shivpuri – Guna	103 Km	1000
03	Shivpuri – Ashoknagar	119 Km	1140
04	Shivpuri – Rajgarh	220Km	970
Total Beds			4280

As per specific TOR condition, PP shall obtain CTE from the MP Pollution Control Board and same shall be appended with EIA report for which PP submitted that they are in the process of obtaining CTE. It was further observed that PP has not submitted the source of data for gap analysis. Thus PP shall get the gap analysis authenticated from Government agency / concerned regional office or head office of M. P. Pollution Control Board, Bhopal. Committee further suggested that if any case is pending in any court of law pertaining to this facility, the order of court shall be final and binding for all concerned and EC shall be subjected to the order of Hon'ble Court/Tribunal. During presentation, PP submitted that it's a backup plan as they have another facility in chanderi, thus committee asked PP to elaborate on backup plan in detail. After presentation and discussion PP was asked to submit following revised details:

- 1) Copy of CTE obtained from MP Pollution Control Board for this proposed facility.
- 2) The Gap analysis authenticated from Government agency / concerned regional office or head office of M. P. Pollution Control Board, Bhopal shall be submitted.

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- 3) PP shall furnished details of any litigation pending in court of law/NGT and any Judgment passed by Hon'ble Court/Tribunal within against this proposed facility with the summary and order copies.
- 4) Discussion on Best Available Technology proposed for this facility as there were several issues raised in the public hearing.
- 5) Revised plantation scheme and species as suggested by the committee.
- 6) Revised EMP including proposal for CEQMS.
- 7) Revised CER as suggestion given by committee.
- 8) Detailed Carbon Emission foot print analysis be submitted considering vehicular emission as well.
- 9) Address public hearing issues properly with proposed mitigation measures (habitation at NE side) and details of appropriate budgetary provisions in EMP.

4. Case No 8691/2021 M/s Shiv Grit Udyog, Shri Kushalpal Singh, R.G. No. 80, 82, Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur, MP Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (50000 cum per annum) (Khasra No. 2330, 2332), Village - Prakash Bamhori, Tehsil - Gaurihar , Dist. Chhatarpur (MP). Env. Consultant M/s. Aseries Envirotech India Pvt. Ltd. Noida, U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2330, 2332), Village - Prakash Bamhori, Tehsil - Gaurihar , Dist. Chhatarpur (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की बैठक क्रमांक 518वीं दिनांक 18/10/2021 में टॉर (TOR) की अनुशंसा की गई थी । राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल द्वारा परियोजना प्रस्तावक द्वारा प्रस्तुत ई.आई.ए. रिपोर्ट राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) को ऑन लाईन प्रेषित की गई है।

प्रकरण आज सेक की 610वीं बैठक दिनांक 08/12/22 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक एवं उनके पर्यावरणीय सलाहकार प्रस्तुतीकरण हेतु समिति के समक्ष उपस्थित नहीं हुए हैं । समिति ने निर्णय लिया कि परियोजना प्रस्तावक को प्रस्तुतीकरण हेतु अंतिम अवसर देते हुए प्रकरण आगामी बैठक में रखा जाये तथा यदि फिर भी परियोजना प्रस्तावक अनुपस्थित रहते हैं तो इस प्रकरण निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

प्रकरण आज सेक की 620वीं बैठक दिनांक 13/01/23 को प्रस्तुतीकरण हेतु सूचीबद्ध था किंतु परियोजना प्रस्तावक सेक की 610वीं बैठक दिनांक 08/12/22 में अनुपस्थित रहे । अतः समिति ने निर्णय लिया कि चूंकि इनको दो अवसर प्रस्तुतीकरण हेतु दिये गये जिसमें यह अनुपस्थित रहे हैं अतः इस प्रकरण को निरस्त (डिलिस्ट) करते एसईआईए को अग्रिम कार्यवाही हेतु भेजा जावे।

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5. Case No 7908/2020 M/s S.R.S.Star Mining Industries Pvt. Ltd, 46, SHanti Vihar Colony, Dist. Gwalior, MP - 474011 Ammendment in Environment Clearance for Stone Quarry in an area of 4.90 ha. (200020 cum per annum) (Khasra No. 2351, 2352, 2353), Village - Kathwahaji, Tehsil - Gohad, Dist. Bhind (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed (Khasra No. 2351, 2352, 2353), Village - Kathwahaji, Tehsil - Gohad, Dist. Bhind (MP) 4.90 ha. The project requires amendment in EC.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Pramanpatra) letter no. 1037 dated: 03/11/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant in 468th SEAC meeting dated 02/12/20 wherein it was observed by the committee that it's a case of Stone mining. During presentation it was observed by committee that a road is in exist ace at a distance of 160 meters. The proposed depth of mining is approx. 33 meters for which PP shall provide commitment that available space approx. 29,000 sq. meters is sufficient for deployment of manpower and machinery. After presentation the committee asked to submit following details:

- Commitment of PP that available space approx. 29,000 sq. meters is sufficient for deployment of manpower and machinery.
- Top soil management plan.
- Commitment of PP for transportation of mineral with 40 ton capacity trucks to reduce the number of trips.

PP has submitted the response of above quarries same date vide letter dated 12.12.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production of Stone as per mine plan with quantity not exceeding 2,00,020 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 16.31 Lakh as capital and Rs 10.98 Lakh/year as recurring are proposed by PP.

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परियोजना प्रस्तावक ने पर्यावरणीय अभिस्वीकृति में संशोधन बावत् फार्म-4 ऑन लाईन प्रस्तुत किया है जिसमें पूर्व में दिनांक 06/01/21 को जारी पर्यावरणीय स्वीकृति में पिट की गहराई (Depth of Pit) 20 मीटर के स्थान पर अनुमोदित खनन योजना अनुसार करने का अनुरोध किया गया है ।

प्रकरण पूर्व में सेक की 602वीं बैठक दिनांक 03/11/22 को प्रस्तुत हुआ था, जिसमें परियोजना प्रस्तावक श्री रामनिवास शर्मा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र.उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि दिनांक 06/01/21 को जारी पर्यावरणीय अभिस्वीकृति में पिट की गहराई 20 मीटर तक प्रतिबंधित की गई है जबकि अनुमोदित माइन प्लॉन में पिट की गहराई 50 मीटर तक अनुमोदित है । अतः वे पिट की गहराई स्वीकृत खनन योजना के अनुरूप करने बावत् फार्म-4 में संशोधन बावत् आवेदन किया गया है ।

प्रकरण में परीक्षण में पाया गया कि आवेदक ने निर्धारित प्रपत्र फार्म-4 में सरल क्रमांक-06-1 की जानकारी अपूर्ण है, अतः समिति ने परियोजना प्रस्तावक को निम्नानुसार पुनरीक्षित फार्म-4 एवं जानकारी प्रस्तुत करने के निर्देश दिये गये ताकि प्रकरण पर निर्णय लिया जा सके :-

1. पूर्व की पर्यावरणीय अभिस्वीकृति दिनांक 23/5/22 को जारी हो गई थी । तत्पश्चात् पर्यावरणीय संरक्षण एवं सीईआर के तहत किए गए कार्यों का ब्यौरा दस्तावेजी प्रमाण के साथ प्रस्तुत करें ।
2. पर्यावरणीय अभिस्वीकृति दिनांक 06/01/21 के परिपालन में नियमानुसार प्रस्तुत छःमाही प्रतिवेदन की प्रति, क्योंकि सिया की बेवसाइट पर परियोजना प्रस्ताक द्वारा प्रस्तुत छःमाही पालन प्रतिवेदन का विवरण दर्ज नहीं है ।
3. पर्यावरणीय अभिस्वीकृति दिनांक 06/01/21 के संदर्भ में मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड से प्राप्त सी.टी.ई./सी.टी.ओ. की जानकारी प्रस्तुत करें, क्योंकि फार्म-4 के सरल क्रमांक-06-1 में सी.टी.ओ. की जानकारी में "नो" लिखा है । यदि अभी तक सी.टी.ई./सी.टी.ओ. प्राप्त नहीं करने का कारण स्पष्ट करें ।

समिति द्वारा उपरोक्त जानकारी परिवेश पोर्टल पर ऑनलाईन प्रस्तुत करने हेतु दिनांक 07/11/2022 को ए.डी.एस. जारी किया गया । उक्त ए.डी.एस. के संदर्भ में परियोजना प्रस्तावक ने दिनांक 25/11/202 को परिवेश पोर्टल पर ऑनलाईन जानकारी प्रस्तुत कर दी गई है ।

प्रकरण को आज दिनांक 06/12/22 को समित के समक्ष विचारार्थ रखा गया, जिसमें परियोजना प्रस्तावक श्री रामनिवास शर्मा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि.,लखनऊ, उ.प्र. उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि दिनांक 03/11/22 को समिति द्वारा दिया गए निर्देशानुसार उनके द्वारा सी.एस.आर के तहत 52 स्कूली बच्चों को बैग वितरित किये गये हैं, जिसके प्रमाण स्वरूप उनके द्वारा फोटोग्राफ एवं प्राध्यापक का प्रमाण पत्र प्रस्तुत किया गया है तथा खनन स्थल के चारों ओर फेंसिंग, गारलेन ड्रेन तथा वृक्षारोपण का कार्य किया गया है, जिसके प्रमाण स्वरूप फोटोग्राफ एवं बिल परिवेश पोर्टल पर अपलोड किए गए हैं । परियोजना प्रस्तावक ने बताया कि उनके द्वारा मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड द्वारा जारी सम्मति की प्रति भी ऑनलाईन अपलोड कर दी गई है ।

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परियोजना प्रस्तावक ने बताया कि उनके द्वारा छ:माही पर्यावरणीय स्वीकृति का पालन प्रतिवेदन सिया के वेबसाइट पर अपलोड कर दिया गया है। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि दिनांक 06/01/21 को जारी पर्यावरणीय अभिस्वीकृति में पिट की गहराई 20 मीटर तक प्रतिबंधित की गई है जबकि अनुमोदित माइन प्लॉन में पिट की गहराई 50 मीटर तक अनुमोदित है। अतः वे पिट की गहराई स्वीकृत खनन योजना के अनुरूप करने बावत् फार्म-4 में संशोधन बावत् आवेदन किया गया है।

समिति ने पाया कि यह प्रकरण पूर्व में सेक की 468वीं बैठक दिनांक 02/12/20 में प्रस्तुत हुआ था जिसमें परियोजना प्रस्तावक ने माइनिंग की गहराई 33 मीटर के आधार पर पिट वॉटम स्पेस 29,000 वर्ग मीटर बताई थी जिसको मेन पावर एवं मशीनरी के अनुसार उपयुक्त पाया गया था। समिति ने इस प्रकरण की ई.सी. हेतु ऑन लाईन अपलोड पुराने दस्तावेजों का अवलोकन किया एवं पाया कि परियोजना प्रस्तावक ने फार्म-2 के बिंदु क्रमांक 14.6 में ग्राउण्ड वॉटर लेवल 35 से 40 मीटर दर्शाया है तथा फार्म-2 के बिंदु क्रमांक 35 (11) में प्रस्तावित गहराई 37 मीटर दर्शायी है। संभवतः ग्राउण्ड इंटर सेक्सन को ध्यान में रखते हुए समिति ने 33 मीटर की गहराई तक खनन अनुशासित किया होगा तथा 02 मीटर का कपिंग रखा होगा। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने अवगत कराया कि त्रुटिवश फार्म-2 के बिंदु क्रमांक 14.6 में ग्राउण्ड वॉटर लेवल 35 से 40 मीटर अंकित हो गया था जबकि वास्तविक स्थिति में 60 से 65 मीटर तक है। समिति ने चर्चा अनुसार निर्णय लिया कि परियोजना प्रस्तावक वर्तमान में ग्राउण्ड वॉटर लेवल 60 से 65 मीटर तक होने का कोई अधिकृत प्रमाण प्रस्तुत नहीं कर सके अतः परियोजना प्रस्तावक परियोजना स्थल के आस-पास ग्राउण्ड वॉटर लेवल के संदर्भ में सेंट्रल ग्राउण्ड वॉटर बोर्ड / पी.एच.ई. विभाग के सक्षम अधिकारी का प्रमाण पत्र 15 दिवस में प्रस्तुत करे ताकि प्रकरण पर निर्णय लिया जा सके।

परियोजना प्रस्तावक ने पत्र दिनांक 23/12/22 के माध्यम से वांछित जानकारी ऑन लाईन प्रस्तुत की। प्रकरण को आज दिनांक 13/01/23 को समिति के समक्ष विचारार्थ रखा गया, जिसमें परियोजना प्रस्तावक श्री रामनिवास शर्मा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इन्वायरोटेक इंडिया प्रा.लि., लखनऊ, उ.प्र. उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि परियोजना स्थल के आस-पास ग्राउण्ड वॉटर लेवल के संदर्भ में उनके द्वारा पी.एच.ई. विभाग के सहायक यंत्री का प्रमाण पत्र प्राप्त किया गया जिसके अंतर्गत सहायक यंत्री ने पत्र क्रमांक 845 दिनांक 15/12/22 के माध्यम से सूचित किया है कि विकास खंड गोहद के अंतर्गत ग्राम कटुवाहाजी, तहसील गोहद जिला भिंड में नलकूप का जल स्तर लगभग 58 से 60 मीटर है। परियोजना प्रस्तावक ने बताया कि अनुमोदित माइन प्लॉन में पिट की गहराई 50 मीटर तक अनुमोदित है तथा लिपकीय त्रुटिवश फार्म-2 के बिंदु क्रमांक 14.6 में ग्राउण्ड वॉटर लेवल 35 से 40 मीटर दर्शाया है तथा फार्म-2 के बिंदु क्रमांक 35 (11) में प्रस्तावित गहराई 37 मीटर दर्शायी गई थी। अतः अनुमोदित खनन योजना अनुसार पिट की गहराई 50 मीटर तक स्वीकृत करने का अनुरोध है।

समिति ने चर्चा कर निर्णय लिया कि चूंकि पी.एच.ई. विभाग के सहायक यंत्री ने पत्र क्रमांक 845 दिनांक 15/12/22 के माध्यम से सूचित किया है कि विकास खंड गोहद के अंतर्गत ग्राम

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कटुवाहाजी, तहसील गोहद जिला भिंड में नलकूप का जल स्तर लगभग 58 से 60 मीटर है अतः परियोजना प्रस्तावक के अनुरोध कि खनन की गहराई अनुमोदित माइन प्लान के अनुसार 50 मीटर तक किये जाने पर विचार किया जा सकता है तथा अन्य शर्तें पूर्व में जारी पर्यावरणीय अभिस्वीकृति की शर्तों के अनुरूप रहेगी ।

6. Case No 7474/2020 Shri Shankar Kol S/o Shri Shivdas Kol, Village - Akauna, Post - Aber, Tehsil - Rampur Baghelan, Dist Prior Environment Clearance for Stone Quarry in an area of 1.619 ha. (15000 cum per annum) (Khasra No. 1180/1 Gha), Village - Mudgudi, Tehsil - Manpur, Dist. Umariya (MP) EIA Consultant: M/s. Aseries Envirotek India Pvt. Ltd. Lucknow U.P.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1180/1 Gha), Village - Mudgudi, Tehsil - Manpur, Dist. Umariya (MP) 1.619 Ha. The project requires prior EC before commencement of any activity at site.

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) की बैठक क्रमांक 459वीं दिनांक 23/09/2020 में टॉर (TOR) की अनुशंसा की गई थी । राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, भोपाल द्वारा परियोजना प्रस्तावक द्वारा प्रस्तुत ई.आई.ए. रिपोर्ट राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (एसईएसी) को ऑन लाईन प्रेषित की गई है ।

आज दिनांक 16/06/22 को परियोजना प्रस्तावक ऑन-लाईन और उनकी ओर पर्यावरण सलाहकार श्री अमर सिंह यादव उपस्थित हुए । प्रस्तुतीकरण के दौरान यह पाया गया कि खदान क्षेत्र के दक्षिण-पूर्वी भाग से 200 मीटर दूरी पर जल रोकने की संरचना है तथा दक्षिण दिशा में 50 मीटर की दूरी पर एक मौसमी नाला स्थित है, जिस हेतु परियोजना प्रस्तावक ने बताया कि यह पुरानी माइंड आऊटपिट है, जिसमें पानी भरा हुआ है तथा हमारे द्वारा गारलेंड ड्रेन एवं सेटलिंग टैंक प्रस्तावित किया गया है तथा सेटलड वाटर का निस्तारण किया जायेगा । इसी प्रकार लीज के दक्षिण-पश्चिम क्षेत्र की ओर लगभग 250 मीटर की दूरी पर एक पक्की रोड़ जा रही है । परियोजना प्रस्तावक द्वारा बताया गया कि इस खदान की जनसुनवाई के दौरान जल छिड़काव के कार्य, धूल की समस्या एवं वाहनों की नियंत्रित गति संबंधी प्रस्ताव प्राप्त हुए थे, जिनको उनके द्वारा ई.एम.पी. में शामिल किया गया है । जन सुनवाई के दौरान ब्लास्टिंग से संबंधित मुद्दों के बारे में परियोजना प्रस्तावक ने बताया कि खनन हेतु कंट्रोल ब्लास्टिंग की जावेगी तथा धूल नियंत्रण हेतु खनिज परिवहन के दौरान लगातार सड़क पर जल छिड़काव किया जायेगा । प्रस्तुतीकरण के दौरान पाया गया कि जारी एकल प्रमाण-पत्र के अवलोकन से यह स्पष्ट नहीं हो रहा है कि आवेदित स्थल अधिसूचित ईको सेंसेटिव जोन कितनी दूरी पर है, अतः उप संचालक, बौधवगढ़ टाईगर रिजर्व से जानकारी प्राप्त की जाये। प्रस्तुतीकरण के पश्चात् परियोजना प्रस्तावक को निम्नानुसार जानकारी प्रस्तुत करने के निर्देश दिए गए :-

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- ✓ उप संचालक, बौधवगढ़ टाईगर रिजर्व से प्रमाण-पत्र कि आवेदित स्थल अधिसूचित ईको सेंसेटिव जोन से बाहर है ।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण एवं सी.ई.आर. योजना ।
- ✓ वन्यप्राणियों से सुरक्षा की दृष्टि से ई.एम.पी. में गेमप्रूफ चेनलिंग फेंसिंग (2.10 मीटर ऊँची) का प्रस्ताव ।
- ✓ समिति द्वारा सुझाये अनुसार पुनरीक्षित वृक्षारोपण एवं सी.ई.आर. योजना ।

परियोजना प्रस्तावक ने पत्र दिनांक 26/12/22 के माध्यम से ऑन लाईन जानकारी प्रस्तुत की तथा प्रकरण चर्चा हेतु आज बैठक दिनांक 13/01/23 की बैठक में रखा गया जिसमें परियोजना प्रस्तावक श्री दीप नारायण सिंह, अधिकृत प्रतिनिधि और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि.,लखनऊ, उ.प्र. उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि उनके द्वारा समिति की 578वीं बैठक दिनांक 16/06/22 में चाही गई जानकारी प्रस्तुत कर दी गई है । परियोजना प्रस्तावक ने बताया कि कार्यालय वन परिक्षेत्राधिकारी, वन परिक्षेत्र पनपथा के पत्र क्रमांक 1337 दिनांक 18/11/22 के द्वारा यह बताया गया कि आवेदित स्थल से ईको सेंसेटिव जोन की दूरी 4.860 किलो मीटर है तथा आवेदित स्थल ईको सेंसेटिव जोन की सीमा से बाहर है । परियोजना प्रस्तावक ने बताया कि उनके द्वारा पुनरीक्षित वृक्षारोपण योजना, पुनरीक्षित सी.ई.आर. तथा ई.एम.पी. में गेमप्रूफ चेनलिंग फेंसिंग का प्रस्ताव शामिल कर जानकारी प्रस्तुत कर दी गई है ।

उपरोक्त संदर्भ में समिति ने पाया परियोजना प्रस्तावक द्वारा वांछित जानकारी जैसे पुनरीक्षित वृक्षारोपण योजना, पुनरीक्षित सी.ई.आर. तथा पर्यावरण प्रबंधन योजना प्रस्तुत कर दी है तथा प्रस्तुत जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार निम्नानुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 15,000 मी³ प्रति वर्ष ।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 9.26 लाख एवं रिकरिंग राशि रु. 03.48 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
ग्राम मुडगुडी में ग्राम पंचायत के परामर्श से हैडपंप लगवाया जायेगा ।	60,000
योग	60,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1950 वृक्षों का वृक्षारोपण :-

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कं.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1.	बैरियर जोन के अंतर्गत	शीशम, नीम, पीपल, बरगद, खमैर, चिरौल, सीताफल, महुआ, आम एवं अन्य स्थानीय प्रजातियाँ।	580
2.	परिवहन मार्ग तक (न्यूनतम ऊंचाई 01 मीटर)	नीम, पीपल, बरगद अन्य स्थानीय प्रजातियाँ,	150
3	मुडगुडी ग्रामवासियों में वितरण हेतु	आंवला, आम, अमरुद, कटल अन्य फलदार प्रजातियाँ।	1200
4	प्राथमिक व उच्चतर विद्यालय, मुडगुडी	कदंब, अमलतास, अशोक, गुलमोहर।	20
कुल			1950

7. Case No 9451/2022 Shri Dushyant Mishra S/o Shri Ravindra Mishra R/o 102, Sangam Apartment, Tansen Road, Tansen Nagar, Distinct Gwalior (MP)-474002, Prior Environment Clearance for M-Sand Quarry in an area of 4.00 ha. (1,35,000 Cum per year) (Khasra No. 2432), Village - Karhiya, Tehsil - Chinor, Dist. Gwalior (MP)

This is case of Stone & M-Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 2432), Village - Karhiya, Tehsil - Chinor, Dist. Gwalior (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 14/12/22 को परियोजना प्रस्तावक श्री दुष्यंत मिश्रा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., लखनऊ, उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) एकल प्रमाण-पत्र क्रमांक 11638 दिनांक 16/09/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी नहीं दी गई है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार खदान के दक्षिण-पूर्व दिशा में 320 मीटर पर आबादी, दक्षिण दिशा में 160 मीटर तथा पूर्व दिशा में 80 मीटर पर कच्चा रोड़ एवं उत्तर दिशा में 100 मीटर जल ग्रहण क्षेत्र स्थित है। परियोजना प्रस्तावक ने बताया कि जल ग्रहण क्षेत्र के संरक्षण हेतु गारलेन ड्रेन एवं सेटलिंग टैंक प्रस्तावित किए गए हैं। परियोजना प्रस्तावक ने बताया कि व्ही.एस.के आधारित एम-सेंड प्लांट की स्थापना की जावेगी तथा दूषित जल का पुनर्उपयोग सेटलिंग के बाद किया जायेगा। साथ ही उत्पन्न स्लज का अपवहन सुखान

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के पश्चात् खनन् क्षेत्र में किया जायेगा । कार्यालय कलेक्टर (खनिज शाखा) के एकल-पत्र क्रमांक 11638 दिनांक 16/09/22 के द्वारा सूचित किया गया कि जिले की नवीन डिस्ट्रिक्ट सर्वे रिपोर्ट में उक्त खदान सम्मिलित कर ली जावेगी । समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये । परीक्षण के दौरान के पाया गया कि आवंटित खनन् क्षेत्र का भाग पहाड़ी पर स्थित है तथा जिसमें कई पेड़ लगे हैं, जिसके संदर्भ में परियोजना प्रस्तावक यह नहीं बता सके कि कोन सी प्रजाति के कितने पेड़ लगे हैं अतः समिति ने चर्चा उपरांत निर्णय लिया कि प्रश्नाधीन खदान में लगे पेड़ों की इन्वेन्ट्री (उसकी प्रजाति, ऊँचाई एवं गर्थ फोटोग्राफ सहित) 15 दिवस में प्रस्तुत की जाये ताकि प्रकरण पर निर्णय लिया जा सके।

परियोजना प्रस्तावक ने पत्र दिनांक 24/12/22 के माध्यम से ऑन लाईन जानकारी प्रस्तुत की तथा प्रकरण चर्चा हेतु आज बैठक दिनांक 13/01/23 की बैठक में रखा गया परियोजना प्रस्तावक श्री दुष्यंत मिश्रा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इन्वायरोटेक इंडिया प्रा.लि., लखनऊ, उपस्थित हुए । प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि उनके द्वारा समिति की 611वीं बैठक दिनांक 14/12/22 में चाही गई जानकारी प्रस्तुत कर दी गई है । परियोजना प्रस्तावक ने बताया कि उनके द्वारा ट्री इन्वेन्ट्री प्रस्तुत की गई है जिसमें वृक्ष प्रजाति के 03 पेड़ (नीम –01 एवं बबूल के 02)

उपरोक्त संदर्भ में समिति ने पाया परियोजना प्रस्तावक द्वारा वांछित जानकारी जैसे पुनरीक्षित वृक्षारोपण योजना, पुनरीक्षित सी.ई.आर. तथा पर्यावरण प्रबंधन योजना प्रस्तुत कर दी है तथा प्रस्तुत जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार निम्नानुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है :-

1. अनुमोदित खनन् योजना अनुसार अधिकतम उत्पादन क्षमता एम-सेड स्टोन – 1,35,000 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 14.16 लाख एवं रिक्रिंग राशि रु. 06.10 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 01.20 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
ग्राम करहिया प्राथमिक विद्यालय में कम्प्यूटर व प्रिंटर दिया जायेगा।	80,000
ग्राम करहिया प्राथमिक स्वास्थ्य केन्द्र में 2 बेड दिया जायेगा।,	40,000
योग	1,20,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :-

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क्र.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा (संख्या में)
1.	बैरियर जोन के अंतर्गत	सिस्सू, नीम, खमैर, चिरौल, पीपल, सेमल, अशोक, करंज एवं अन्य स्थानीय प्रजातियाँ।	1200
2.	परिवहन मार्ग तक (पौधों की न्यूनतम ऊँचाई 01 मीटर)	नीम, पीपल, चिरौल, करंज, एवं अन्य स्थानीय प्रजातियाँ,	200
3.	करहिया ग्रामवासियों में वितरण हेतु	इमली, आंवला, आम, मुनगा इत्यादि अन्य स्थानीय प्रजातियाँ।	1680
4.	छुबाही ग्रामवासियों में वितरण हेतु	बेल, इमली, आंवला, कटहल, आम, अमरुद।	1680
5.	शासकीय विद्यालय पटराहाई में	कदम, नीम, कचनार, गुलमोहर, अशोका, एवं अन्य स्थानीय प्रजातियाँ।	20
6.	शासकीय विद्यालय करहिया, में	कदम, नीम, कचनार, गुलमोहर, अशोक, पुत्ररंजीवा, एवं अन्य स्थानीय प्रजातियाँ।	20
कुल			4800

8. Case No 9550/2022 M/s Gill Stone Crusher, Proprietor Shri Hasanpreet Singh Gill, R/o, Village-Obra, Tehsil-Obra, District-Sonbhadra (UP)-232219 Prior Environment Clearance for Hardi Crusher Stone Quarry in an area of 1.200 ha. (21999 Cum per annum) (Khasra No. 120, 121, 216), Village-Hardi, Tehsil-Sihawal, District-Sidhi (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 120, 121, 216), Village-Hardi, Tehsil-Sihawal, District-Sidhi (MP) 1.980 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री हरप्रीत सिंह गिल (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री संचित कुमार, मेसर्स कॉग्नीजेंस रिसर्च इंडिया (प्रा. लि.) नोयडा उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) एकल प्रमाण-पत्र क्रमांक 1242 दिनांक 26/05/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 05 अन्य खदान स्वीकृत/संचालित होने की जानकारी दी गई है जिनका कुल रकबा 5.0 हे. से अधिक होता है, अतः प्रश्नाधीन प्रकरण बी-1 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार खदान के पूर्व दिशा में लगभग 90 मीटर की दूरी पर बाण सागर नहर, दक्षिण दिशा में 50 मीटर पर कच्चा तथा

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265 मीटर पर पक्का रोड़ एवं आबादी पश्चिम दिशा में 210 मीटर पर है अतः इनकी संरक्षण योजना मय बाण सागर नहर के संपूर्ण विवरण के ई.आई.ए. में प्रस्तुत की जाये । प्रश्नाधीन खदान में कुछ पेड़ लगे दिख रहे हैं, अतः उसकी प्रजाति, ऊँचाई एवं गर्थ फोटोग्राफ सहित ई.आई.ए. रिपोर्ट के साथ प्रस्तुत की जाये। कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी के पत्र क्रमांक 1242 दिनांक 26/05/22 के द्वारा सूचित किया गया है कि नवीन जिला सर्वेक्षण रिपोर्ट में इस खदान का नाम जोड़ लिया जावेगा । चूँकि प्रकरण बी-1 श्रेणी में है, अतः परियोजना प्रस्तावक ई.आई.ए. रिपोर्ट के साथ अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट प्रस्तुत करें, जिसमें इस खदान का विवरण दर्ज हो । उपरोक्त विवरण के परिप्रेक्ष्य में समिति इस प्रकरण में ई.आई.ए. तैयार करने हेतु पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा जारी स्टेण्डर्ड टॉर, एनेक्जर-डी में उल्लेखित मानक शर्तों व विशिष्ट शर्तों के साथ टी.ओ.आर. जारी करने की समिति अनुशंसा करती है :-

1. खदान के पूर्व दिशा में लगभग 90 मीटर की दूरी पर बाण सागर नहर, दक्षिण दिशा में 50 मीटर पर कच्चा तथा 265 मीटर पर पक्का रोड़ एवं आबादी पश्चिम दिशा में 210 मीटर पर है अतः इनकी संरक्षण योजना मय बाण सागर नहर के संपूर्ण विवरण के ई.आई.ए. में प्रस्तुत की जाये ।
2. प्रश्नाधीन खदान में कुछ पेड़ लगे दिख रहे हैं, अतः उसकी प्रजाति, ऊँचाई एवं गर्थ फोटोग्राफ सहित ई.आई.ए. रिपोर्ट के साथ प्रस्तुत की जाये ।
3. ई.आई.ए. अध्ययन के दौरान क्षेत्र में 04 से 05 स्थानों (जिसमें से एक स्थान आवंटित खनन क्षेत्र के बैरियर जोन में हो) पर 01 मीटर X 01 मीटर X 01 मीटर का ट्राईल पिट खोद कर उसके स्वाइल प्रोफाइल का अध्ययन कर वृक्षारोपण का स्थान निर्धारित किया जाये तथा उसका विवरण ई.आई.ए. रिपोर्ट के साथ प्रस्तुत करें ।
4. यदि भू-जल का प्रतिछेदन प्रस्तावित हो तो लीज एरिया का हाइड्रो जियोलॉजीकल अध्ययन कर ई.आई.ए. रिपोर्ट में उल्लेख करें ।
5. रेनवॉटर हार्वेस्टिंग तथा रिवर रिजुविनेशन हेतु किसी विशेषज्ञ द्वारा एक्यूफर, परकोलेशन टैंक, रिचार्ज शॉफ्ट एवं सब सरफेस डायक का अध्ययन कर प्रतिवेदन ई.आई.ए. रिपोर्ट के साथ प्रस्तुत करें ।
6. चूँकि आवंटित स्थल पहाड़ पर स्थित है, अतः खनिज परिवहन मार्ग तथा सरफेस रनऑफ मैनेजमेंट प्लान ई.आई.ए. के साथ प्रस्तुत करें ।
7. ओव्हर बर्डन एवं टॉपस्वाइल मैनेजमेंट प्लान, ई.आई.ए. रिपोर्ट के साथ प्रस्तुत की जाये ।
8. भूमि का वर्तमान लैंड यूज क्या है, के संबंध में सक्षम प्राधिकारी का प्रतिवेदन तथा ऑल्टरनेट ग्रेजिंग लैंड मैनेजमेंट योजना ई.आई.ए. रिपोर्ट के साथ प्रस्तुत करें ।
9. परियोजना प्रस्तावक ई.आई.ए. रिपोर्ट के साथ अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट प्रस्तुत करें, जिसमें इस खदान का विवरण दर्ज हो ।

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9. Case No 9551/2022 M/s Anil Construction Company, Partner Shri Pavan Kumar Jain, R/o Jain Sadan, Mahal Road, Krishnapuram Colony, District-Shivpuri (MP)-473551 Prior Environment Clearance for Parichchha Ahir Gitty Stone Quarry & M-Sand in an area of 4.00 ha. Capacity 53900 Cum per annum (Gitti – 48,400 m³/Year and M-Sand 5,500 m³/Year) (Khasra No. 1483), Village-Parichchha Ahir, Tehsil-Pohri, District-Shivpuri (MP)

This is case of Gitty & M-Sand Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1483 (P)), Village-Parichchha Ahir, Tehsil-Pohri, District-Shivpuri (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री पवन कुमार जैन और उनकी ओर से पर्यावरण सलाहकार श्री संचित कुमार, मेसर्स कॉग्नीजेंस रिसर्च इंडिया (प्रा. लि.) नोयडा उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 1666 दिनांक 06/12/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित होने की जानकारी नहीं दी गई है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार आवंटित खदान के दक्षिण दिशा में 510 मीटर पर आबादी, दक्षिण-पश्चिम दिशा में 185 मीटर पर पक्का रोड़ तथा उत्तर दिशा में 60 मीटर एवं पश्चिम दिशा में 295 मीटर पर मौसमी नाला है। परियोजना प्रस्तावक ने बताया कि मौसमी नाले के संरक्षण हेतु गारलैंड ड्रेन व सेटलिंग टैंक प्रस्तावित किये गये हैं प्रकरण के प्रस्तुतीकरण के समय पाया गया कि आवंटित खनन क्षेत्र के उत्तर-पूर्व दिशा में 415 मीटर पर एक पुराना पिट स्थित है जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि यह बहुत पुराना पिट है तथा पुरानी गूगल इमेज अनुसार 2011 से वहां पर मौजूद है तथा इसकी आवधि समाप्त हो गई है। परियोजना प्रस्तावक ने बताया कि एम-सेंड प्लान व्ही.एस.के. तकनीकी पर आधारित है जिसमें वायु प्रदूषण नियंत्रण हेतु बेग फिल्टर तथा जल प्रदूषण नियंत्रण हेतु दूषित जल का सेटलिंग के पश्चात् पुर्नउपयोग किया जायेगा। सेटलिंग टैंक से उत्पन्न स्लज का अपवहन सूखने के पश्चात् खनन क्षेत्र में किया जायेगा। परियोजना प्रस्तावक ने बताया कि इस खदान का विवरण जिला सर्वेक्षण रिपोर्ट Collector Office Letter (Ekal Praman Patra) No. 1666 date 06/12/22 के अनुसार उक्त खदान नवीन जिला सर्वेक्षण रिपोर्ट में जोड़ी जावेगी। समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

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1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता गिट्टी – 48,400 मी³ प्रति वर्ष एम-सेंड – 5500 मी³ प्रति वर्ष ।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 14.53 लाख एवं रिकरिंग राशि रु. 01.45 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 01.05 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 02 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
परिच्छाअहिर शासकीय एकीकृत माध्यमिक विद्यालय में 45 टेबल-चेयर का सेट दिया जाएगा ।	1,05,00

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 4800 वृक्षों का वृक्षारोपण :-

क्र.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा(संख्या में)
1	बैरियर जोन में	चिरोल, नीम, जंगल जलेबी, सीताफल, खमेर एवं अन्य स्थानीय प्रजातियाँ	1400
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	करंज, कदम, चिरोल, जंगल जलेबी, एवं अन्य स्थानीय प्रजातियाँ	6000
3	ग्रामवासियों में वितरण हेतु	सीताफल, आवलॉ, अमरुद, मुनगा, पपीता, निम्बू, आम एवं अन्य स्थानीय प्रजातियाँ	2800
कुल			4800

10. Case No 9552/2022 Shri Jivan Singh, R/o Ward No. 5, Rampura Gujar, District-Shajapur (MP)-465001 Prior Environment Clearance for Girwar Murrum Quarry in an area of 1.00 ha. (5010 Cum per annum) (Khasra No. 1210/1/1), Village-Girwar, Tehsil-Shajapur, District-Shajapur (MP)

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1210/1/1), Village-Girwar, Tehsil-Shajapur, District-Shajapur (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री जीवन सिंह और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 582 दिनांक 21/11/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान

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स्वीकृत/संचालित होने की जानकारी नहीं दी गई है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार आवंटित खदान के पश्चिम दिशा में 290 मीटर पर राष्ट्रीय राजमार्ग, उत्तर-पश्चिम दिशा में 200 मीटर पर विद्यालय तथा दक्षिण दिशा में 200 मीटर पर एच.टी. लाईन है। परियोजना प्रस्तावक ने बताया कि प्रकरण मुरुम के खनन का है जिसमें ड्रिलिंग ब्लास्टिंग प्रस्तावित नहीं है। कार्यालय कलेक्टर (खनिज शाखा) जिला सागर के पत्र क्रमांक 643 दिनांक 14/12/2022 के द्वारा सूचित किया गया है कि सिया द्वारा जिला सर्वेक्षण रिपोर्ट दिनांक 17/11/22 को अनुमोदित की जा चुकी है। उक्त उत्खनिपट्टा में संपूर्ण प्रक्रिया (उत्खनिपट्टा संचालन) पूर्ण होने के उपरांत नवीन डिस्ट्रिक्ट सर्वे रिपोर्ट में सम्मिलित कर ली जावेगी। समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण मध्यप्रदेश की 739वी बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतापजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता मुरुम – 5010 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 08.95 लाख एवं रिकरिंग राशि रु. 03.01 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.50 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
केंद्रीय विद्यालय, शाजापुर वॉल माउंटेड वाटर प्युरिफायर	50,00

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1200 वृक्षों का वृक्षारोपण :-

क्र.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा(संख्या में)
1	बैरियर जोन में	सिस्सू, चिरोल, नीम, जंगल जलेबी, करंज, सीताफल, खमेर, एवं अन्य स्थानीय प्रजातियाँ	800
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	100
3	केंद्रीय विद्यालय में	कदम्ब, कचनार, गुलमोहर, नीम, खमेर, एवं अन्य स्थानीय	300

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	प्रजातियों।	
	कुल	1200

11. Case No 9553/2022 Shri Sanjay Choubey, R/o Vindavan Bagh in front of Temple, Vrindawan Ward District-Sagar (MP)-470002 Prior Environment Clearance for Jariya Khiriya Crusher Stone Quarry in an area of 2.00 ha. (40000 Cum per annum) (Khasra No. 01), Village-Jariya Khiriya, Tehsil-Gadhakota, District-Sagar (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 01), Village-Jariya Khiriya, Tehsil-Gadhakota, District-Sagar (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री संजय चौबे और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 2114 दिनांक 16/12/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित होने की जानकारी नहीं दी गई है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार आवंटित खदान के पूर्व दिशा में 370 मीटर पर आबादी, पूर्व दिशा में 25 मीटर पर कच्चा रास्ता, उत्तर दिशा में 800 मीटर पर नदी तथा दक्षिण दिशा में 550 मीटर पर मौसमी नाला है। कार्यालय कलेक्टर (खनिज शाखा) जिला सागर के पत्र क्रमांक 2048 दिनांक 02/12/2022 के द्वारा सूचित किया गया है कि भविष्य में जो जिला सर्वेक्षण रिपोर्ट अद्यतन की जावेगी, उसमें इस खदान को सम्मिलित किया जावेगा। समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण मे 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक ने बताया कि इस खदान का विवरण जिला सर्वेक्षण रिपोर्ट के पेज नं.-39 के सरल क्रमांक-2 पर दर्ज है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 40,000 मी³ प्रति वर्ष।

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2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 15.06 लाख एवं रिक्रिंग राशि रु. 03.59 लाख प्रति वर्ष ।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
शासकीय माध्यमिक स्कूल पिपरिया भटोली एक कम्प्युटर, प्रिंटर, प्रिंटर टेबल के साथ में और 2 अलमारी	60,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 2400 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा(संख्या में)
1	बैरियर जोन मे	सिस्सू, घावडा, लेंडिया, आवंला, चिरोल, नीम, महुआ, जंगल जलेबी, करंज, खमेर, एवं अन्य स्थानीय प्रजातियाँ	1200
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
3	ग्रामवासियों मे वितरण हेतु	आवंला, नीबू, बेल, आम, जामुन, कटहल, मुनगा, एवं अन्य स्थानीय प्रजातियाँ ।	600
4	शासकीय प्राथमिक विद्यालय की बाउंड्री वॉल की तरफ एवं ग्राम पंचायत भवन	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
कुल			2400

12. Case No 9554/2022 Shri Harish Mevafarosh, R/o A-2/225, Rajya Karmchari Awash Colony, Pant Nagar, Mahalgaon, District-Gwalior (MP)-474002 Prior Environment Clearance for Supawali Stone Quarry in an area of 1.387 ha. (25725 Cum per annum) (Khasra No. 6/3), Village-Supawali, Tehsil-Murar, District-Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 6/3), Village-Supawali, Tehsil-Murar, District-Gwalior (MP) 1.387 Ha. The project requires prior EC before commencement of any activity at site.

620वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 13 जनवरी 2023

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री संजय चौवे और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 12010 दिनांक 21/11/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 02 अन्य खदान स्वीकृत/संचालित होने की जानकारी दी गई है, तथा कुल रकबा 5.0 हे. से कम है अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार आवंटित खदान के उत्तर दिशा में 215 मीटर पर आबादी, पक्का रोड उत्तर दिशा में 265 मीटर तथा दक्षिण दिशा में 365 मीटर एवं एक शेड़ 450 मीटर पर है। परियोजना प्रस्तावक ने बताया कि इस खदान का विवरण जिला सर्वेक्षण रिपोर्ट के पेज नं.-52 के सरल क्रमांक-163 पर दर्ज है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 25,725 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 09.40 लाख एवं रिकरिंग राशि रु. 04.70 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.70 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
सुपवाली ग्राम के प्राथमिक विद्यालय व आंगनवाड़ी में बच्चों के लिए बैग, बॉटल, शूज और मोजों का वितरण किया जायेगा।	70,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1665 वृक्षों का वृक्षारोपण :-

क्र.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा(संख्या में)
1	बैरियर जोन में	शीशम, नीम, पीपल, बरगद, खमेर, चिरोल, सीताफल, करंज एवं अन्य स्थानीय प्रजातियाँ	450
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	नीम, पीपल, सेमल, चिरौल, करंज, एवं अन्य स्थानीय प्रजातियाँ	150
3	सुपवाली ग्रामवासियों में वितरण हेतु	बेल, इमली, आंवला, कटहल, आम, अमरुद।	1045

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4	शासकीय विद्यालय सुपवाली में	कदंब, अमलतास, पुत्रंरजीवा, मौलश्री, अशोक, नीम, गुलमोहर।	20
5	चारागाह के विकास हेतु	चारागाह हेतु फोडर ट्रीज ग्राम पांचयत के माध्यम से लगाया जायेगा। जिसकी लागत ई.एम.पी. में दिया गया है।	
कुल			1665

13. Case No 9555/2022 Shri Aniruddha Meena, R/o House No. 77, Village-Bhinsua, Post-Painchi, Tehsil-Chanchoda, District-Guna (MP)-473115 Prior Environment Clearance for Bhainsua Crusher Stone Quarry in an area of 4.00 ha. (15141 Cum per annum) (Khasra No. 360/1/1), Village-Bhainsua, Tehsil-Chachauda, District-Guna (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 360/1/1), Village-Bhainsua, Tehsil-Chachauda, District-Guna (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री अनिरुद्ध मीणा और उनकी ओर से पर्यावरण सलाहकार श्री अमर सिंह यादव, मेसर्स एसीरिज इन्वायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 1031 दिनांक 30/09/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में कोई अन्य खदान स्वीकृत/संचालित नहीं होने की जानकारी दी गई है, अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार आवंटित खदान के पूर्व दिशा में 50 मीटर पर कच्चा रास्ता तथा आवंटित खनन क्षेत्र दो मौसमी नाले उदगमित हो रहे हैं जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि इनको गारलैंड ड्रेन एवं सेटलिंग टैंक से माध्यम से चेनेलाईज किया जायेगा। परियोजना प्रस्तावक ने बताया कि इस खदान का विवरण जिला सर्वेक्षण रिपोर्ट के पेज नं.-47 के सरल क्रमांक-6 पर दर्ज है। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 15,141 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में कैपिटल राशि रु. 18.8.0 लाख एवं रिक्रिंग राशि रु. 04.46 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जायें :-

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सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
शासकीय माध्यमिक स्कूल भेंसुआ में कम्प्यूटर, प्रिंटर, प्रिंटर टेबल के साथ चार लकड़ी की कुसियों	60,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत् सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 1200 वृक्षों का वृक्षारोपण :-

कं.	प्रस्तावित वृक्षारोपण के लिए नियत स्थान	पौधों की प्रजातियाँ	मात्रा(संख्या में)
1	बैरियर जोन मे	सिस्सू, चिरोल, नीम, महुआ, जंगल जलेबी, करंज, खमेर, एवं अन्य स्थानीय प्रजातियाँ	2000
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	200
3	नॉन माइनिंग जोन एवं शासकीय विद्यालय एवं शासकीय माध्यमिक विद्यालय की बाउंड्री वॉल की तरफ एवं ग्राम पंचायत भवन	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	2600
कुल			4800

14. Case No 9557/2022 M/s. Roman Minerals (P) Ltd., Director, Shri Akhilesh Kirar, R/o 354, Mandakini Colony, Kolar Road, District-Bhopal (MP)-462039 Prior Environment Clearance for Mirzapur Pali Dimensional Stone Quarry in an area of 2.454 ha. (4020 Cum per annum) (Khasra No. 21, 22/1), Village-Mirzapur Pali, Tehsil-Raisen, District-Raisen (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 21, 22/1), Village-Mirzapur Pali, Tehsil-Raisen, District-Raisen (MP) 2.454 Ha. The project requires prior EC before commencement of any activity at site.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक अखिलेश किरार और उनकी ओर से पर्यावरण सलाहकार श्री रामविशाल शुक्ला, मेसर्स एसीरिज इंवायरोटेक इंडिया प्रा.लि., नोयडा, उ.प्र. उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 186 दिनांक 18/11/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 अन्य खदान

620वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 13 जनवरी 2023

स्वीकृत/संचालित होने की जानकारी दी गई है, तथा कुल रकबा 5.0 हे. से कम है अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है।

परियोजना प्रस्तावक द्वारा माइन प्लॉन के अक्षांश-देशांश के आधार पर गूगल इमेज अनुसार अनुसार आवंटित खदान के पूर्व दिशा में 75 मीटर पर आबादी है जिस कारण 50 मीटर का सेटबैक छोड़ा गया है, जिस कारण खनन हेतु 1.77 हे. का क्षेत्र उपलब्ध होगा। इसी प्रकार आवंटित खनन क्षेत्र के पूर्व दिशा में 130 मीटर पर तथा पश्चिम दिशा में 15 मीटर पर कच्चा रास्ता है, जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि अनुमोदित खनन योजना अनुसार ब्लास्टिंग प्रस्तावित नहीं है तथा खनन कार्य वायर-सा कटिंग के माध्यम से किया जायेगा क्योंकि यह डायमेशनल स्टोन के खनन का प्रकरण है। आवंटित खनन क्षेत्र में कुछ पेड़ लगे जिसके संदर्भ में परियोजना प्रस्तावक ने बताया कि 08 पेड़ लगे हैं जिसमें से 05 काटे जायेंगे तथा उसके एवज 50 अतिरिक्त पेड़ लगाये जायेंगे। प्रकरण के प्रस्तुतीकरण के दौरान समिति ने पाया कि (गूगल एमेज अनुसार) इस क्षेत्र से लगे हुये 02 खदानों में ई.सी. की शर्तों का पालन होना परिलक्षित नहीं हो रहा है। अतः समिति की अनुशंसा है कि सिया के द्वारा यह परीक्षण कराया लिया जाये कि इस क्षेत्र में कार्यरत खदानों द्वारा पर्यावरणीय स्वीकृति में निहित शर्तों का पालन किया जा रहा है अथवा नहीं तथा वे पर्यावरणीय अभिस्वीकृति का नियमानुसार छःमाही पालन प्रतिवेदन ऑनलाईन प्रस्तुत कर रहे हैं अथवा नहीं। कार्यालय कलेक्टर (खनिज शाखा) जिला सागर के पत्र क्रमांक 1429 दिनांक 09/12/2022 के द्वारा सूचित किया गया है कि उक्त उत्खनिपट्टा को जिला सर्वेक्षण रिपोर्ट में अद्यतन कर दिया जावेगा। समिति ने चर्चा उपरांत निर्णय लिया कि राज्य स्तरीय स्तरीय पर्यावरण समाघात निर्धारण प्राधिकारण मध्यप्रदेश की 739वीं बैठक दिनांक 29/07/22 (प्रकरण में 9261/2022 – जारी पत्र क्रमांक 1306 दिनांक 04/08/22) में लिए गए निर्णय के परिप्रेक्ष्य में इस प्रकरण को भी पर्यावरणीय संवेदनशीलता के दृष्टिगत परीक्षण कर पर्यावरणीय स्वीकृति हेतु सिया को अनुशंसित किया जाये। परियोजना प्रस्तावक द्वारा पर्यावरण प्रबंधन योजना एवं अन्य प्रस्तुत की गई जानकारी संतोषजनक एवं स्वीकार्य योग्य होने से समिति द्वारा विशिष्ट शर्तों एवं स्टेण्डर्ड शर्तों संलग्नक-ए अनुसार पूर्व पर्यावरणीय स्वीकृति जारी करने की अनुशंसा करती है:-

1. अनुमोदित खनन योजना अनुसार अधिकतम उत्पादन क्षमता स्टोन – 4020 मी³ प्रति वर्ष।
2. पर्यावरण प्रबंधन योजना मद में केपीटल राशि रु. 17.81 लाख एवं रिकरिंग राशि रु. 04.36 लाख प्रति वर्ष।
3. सी.ई.आर मद में निम्नानुसार राशि रु. 0.60 लाख तथा सी.ई.आर. में प्रस्तावित सभी कार्य आगामी 01 वर्ष में पूर्ण किये जाये :-

सी.ई.आर. मद में प्रस्तावित गतिविधि	राशि रु. में
शासकीय माध्यमिक विद्यालय चौदना के तीन कमरों के फर्श का निर्माण एवं पूरे विद्यालय की रंगाई पुताई	60,000

4. निम्नानुसार वृक्षारोपण कार्यक्रम अनुसार (सतत सिंचाई, 5 वर्ष तक मृत पौधों का बदलाव तथा खनन अवधि तक रख-रखाव के साथ) कम से कम 3600 वृक्षों का वृक्षारोपण :-

कंप	प्रस्तावित वृक्षारोपण के	पौधों की प्रजातियाँ	मात्रा(संख्या)
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	लिए नियत स्थान		में)
1	बैरियर जोन में	सिस्सू, चिरोल, नीम, जंगल जलेबी, करंज, खमेर, एवं अन्य स्थानीय प्रजातियाँ	1200
2	परिवहन मार्ग (न्यूनतम ऊँचाई 01 मीटर)	कदम्ब, कचनार, चिरोल, नीम, पीपल, आम एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	300
3	ग्रामवासियों में वितरण हेतु	इमली, आवंला, नीबू, बेल, आम, जामुन, कटहल, मुनगा, एवं अन्य स्थानीय प्रजातियाँ।	1000
4	नॉन माइनिंग जोन	इमली, आवंला, नीबू, बेल, आम, जामुन, कटहल, मुनगा एवं अन्य स्थानीय प्रजातियाँ ट्री गार्ड के साथ	1100
कुल			3600

15. Case No 9474/2022 M/s Prakashdeep Minerals partner Shri Jairaj Singh R/o LIG-3/27/306, Nehru Nagar, District Rewa (MP)-486001, Prior Environment Clearance for Stone Quarry in an area of 1.820 ha. (31946 Cum per annum) (Khasra No. 6/1, 13/1), Village - Harrai Gujran, Tehsil - Mauganj, Dist. Rewa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 6/1, 13/1), Village - Harrai Gujran, Tehsil - Mauganj, Dist. Rewa (MP) 1.820 Ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings giving last chance and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

आज दिनांक 13/01/23 को परियोजना प्रस्तावक श्री लीलाधर वर्मा (ऑनलाईन) और उनकी ओर से पर्यावरण सलाहकार श्री शिशुपाल वर्मा, मेसर्स ग्रीन सर्कल आई.एन.सी., वडोदरा (गुजराज) उपस्थित हुए। प्रकरण में परीक्षण में पाया गया कि कार्यालय कलेक्टर (खनिज शाखा) पत्र क्रमांक 2986 दिनांक 07/11/2022 अनुसार प्रस्तावित खदान के 500 मीटर की परिधि में 01 अन्य खदान

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स्वीकृत/संचालित होने की जानकारी दी गई है, जिनका कुल रकबा 5.0 हे. से कम है अतः प्रश्नाधीन प्रकरण बी-2 श्रेणी के अंतर्गत आता है। खदान से वन क्षेत्र की दूरी 22.41 मीटर दूरी पर है। इस संदर्भ आयुक्त रीवा संभाग रीवा की अध्यक्षता में वन समिति के समक्ष प्रकरण निराकरण हेतु प्रेषित किया गया। प्रकरण में बैठक दिनांक 05/08/22 को समिति द्वारा वन सीमा से 50 मीटर दूरी छोड़कर उपलब्ध क्षेत्र में स्वीकृत अनुमति प्रदान की गई है।

प्रकरण के प्रस्तुतीकरण के दौरान समिति को अवगत कराया गया कि इस प्रकरण में सिया के पत्र क्रमांक 2384 दिनांक 20/12/22 के माध्यम से एक शिकायत प्राप्त हुई है जिसमें यह उल्लेखित है कि इस प्रकरण की ग्रामसभा की अनुमति नहीं है तथा सीईओ जनपद से जाँच कराने पर उनके द्वारा शिकायत को सही पाया गया, अतः समिति ने निर्णय लिया कि इस प्रकरण में प्राप्त शिकायत पर सीईओ जनपद पंचायत से प्रतिवेदन प्राप्त किया जाये।

16. Case No 9161/2022 M/s Indo Tech Waste Solutions, Shri Vandana Parihar, Partner, H. No. 104, Brahmpuri Colony, Neelbad, Bethal Public School, Neelbad, Dist. Bhopal, MP Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility at Khasra No. 758/6, Area 4050 sq. meter at Village - Ahar, Tehsil - Baldevgarh, Dist. Tikamgarh, (MP) Env. Consultant M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram.

This is a case of Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility at Khasra No. 758/6, Village - Ahar, Tehsil - Baldevgarh, Dist. Tikamgarh, MP.

Earlier this case was scheduled for presentation and discussion in 572th SEAC dated 19/05/2022 wherein ToR was recommended and issued vide letter NO. 673-74/SEIAA//22, dated 06/06/22.

The case was presented by Environment Consultant Shri Varun Bharadwaj, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram and Mrs. Vandana Parihar PP. During presentation it was observed by the committee that M/s JK Waste Management System, Chanderi, Ashok Nagar has raised certain issues vide their letter dated 16/05/22 regarding this proposed facility referring a case filed in Hon'ble NGT. that After deliberations committee decided to recommend standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

The EIA was presented by Environment Consultant Shri Rahul Yadav, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram and PP Mrs. Vandana Parihar with following details:

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- M/s. Indo Tech Waste Solutions is proposing to establish Common Bio-Medical Waste Treatment Facility in Village - Ahar, Tehsil - Baldevgarh, & District – Tikamgarh (M.P) to provide cleaner and healthier environment
- Collection, transportation, storage & treatment of Bio Medical Waste as stipulated in Bio-medical Waste (Management & Handling) Rules 1998 as amended in 2016 and CPCB Guidelines for installation of Common Bio-medical Waste Treatment Facility.
- As the proposed project site is not falling in notified industrial area and the coverage area of CBWTF site should be only for catering 4,900 beds or 150 kms radius we are proposing first CBWTF in Tikamgarh district for area coverage of five following districts: Niwari, Tikamgarh, Chhatarpur, Panna, Damoh.
- The project is categorized under Item 7(d)(a) of the Schedule-Gazette Notification dated 17th April, 2015 of MoEF&CC, therefore, the project requires prior Environmental Clearance.

Name of the project	Common Bio Medical Waste Treatment Facility (CBWTF)
Promoter	Mrs. Vandana Singh Parihar of M/s. Indo Tech Waste Solutions
Location of Industry	Khasra No. 758/6, Village - Ahar, Tehsil - Baldevgarh, & District Tikamgarh
Total Plot Area	4050 Sq.mt.(1 Acre)
Open Area	489.00 sq.mt. (5263.55 sq.ft.)
Green Area	1347.00 sq. mt. (14498.99 sq.ft.)
Capacity	1 No. Incinerator of capacity 100 kg/hr (Dry) 1 No. Autoclave of capacity 250 kg/hr 1 No. Shredder of capacity 100 kg/hr each ETP Capacity – 5.0 KLD
Water Requirement	Approximately 5 KLD of water required during construction of the unit from MPIDC. During construction phase, required water will be sourced by government.

PROJECT BRIEF

Waste water Generation	2.0 KLD
ETP	5.0 KLD
Treated Water from the unit	1.7 KLD (1 KLD for Landscaping & 0.7 KLD for Misc. Purpose.)

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Power Requirement	Total Power Requirement - 63 KW Supply source – (MPEB) Back up- DG. Set of 62.4 KVA capacities as standby.
Manpower Requirement	27 persons
Estimated Project cost	Rs. 190 Lacs
Nearest Railway Station	Sarkanpur Railway Station – 12.1 km in NE direction.
Nearest Highway	SH-10- 5.9 Km in NE direction.
Nearest Airport	Khajuraho Domestic Airport– 93.6 Km in ENE direction away from the site.

During appraisal, it was submitted by PP that they have obtained Central Ground Water Authority (CGWA) certificate for Exemption of Ground Water withdrawal for 5.0 KLD vide application no. 21-4/1664/MP/Ind/2022, which is valid from 05.12.2022. PP submitted that Plume dispersion modeling study has been done for incinerator and DG set.

During presentation it was submitted by the PP that the proposed location is an agricultural land and they have got this piece of land diverted for commercial purpose vide न्यायालय तहसीलदार के प्रकरण क्रमांक 0903/अ-6/2021-2022, आदेश के अनुसार भू-अभिलेख अक्षित। व्यपरवर्तन की सूचना क्रमांक 22028511785 चालान क्रमांक 051/9999999/0029/04/22/070356 राशि रु. 19860 दिनांक 19/04/2022 निर्धारित अवधि उपरांत प्रवृत्ति की गई।

During presentation, PP further submitted that site is suitable as per the siting criteria prescribed by CPCB as there are no sensitive features within 500 meters of the proposed site with following details:

Location	The CBWTF shall be located as near to its area of operation as possible in order to minimize the travel distance in waste collection.	CBWTF site is located at Khasra No. 758/6, Village – Ahar, Tehsil – Baldevgarh, District – Tikamgarh, Madhya Pradesh
	A CBWTF shall be located at a place reasonably far away from residential and sensitive area so that it has minimal impact on these areas.	Nearest habitation is Ahar Village Which is 1.17 Km North direction and No Water body is available within 1 Km radius. The land is Diverted to commercial purpose and Not any ecological or environmental Sensitive features are present in 1 KM radius of the project site. न्यायालय तहसीलदार के प्रकरण क्रमांक 0903/अ-6/2021-2022, आदेश के अनुसार

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		भू-अभिलेख अद्वितीय। व्यपरवर्तन की सूचना क्रमांक 22028511785 चालान क्रमांक 051/9999999/0029/04/22/070356 राशि रु. 19860 दिनांक 19/04/2022 निर्धारित अवधि उपरांत प्रवृत्ति की गई।
	The location shall be decided in consultation with the State Pollution Control Board (SPCB)/Pollution Control Committee (PCC).	The project will commence only after acquiring necessary NOC from Madhya Pradesh Pollution Control Board.
Land Requirement	Minimum required land for CBWTF is 1 acre to provide sufficient space for project machinery and vehicle movement	The project area is 1 Acre (4050 sq.m.)
Coverage Area	The coverage area of CBWTF site should be only for catering 4,900 beds or 150 kms radius	We are proposing first CBWTF in Tikamgarh district for area coverage of five following districts : 1. NIWARI 2. TIKAMGARH 3. CHHATARPUR 4. PANNA 5. DAMOH

As per the Review of Coverage Areas/ Gap Analysis Report of MP Pollution Control Board year 2017, it is recommended that preferably 01 CBWTF will be installed in every district. In accordance with that we have applied for the installation of CBWTF Unit. In the Outcome of the Review/ Recommendation it was observed that some facilities are not covering entire area with respect to collection of Bio Medical Waste from the government hospitals located in remote areas like Community Health Centers, Primary Health Centers, Dispensaries & Veterinary Hospital etc. It was also observed that on review of the treatment capacities of the existing Common Biomedical Waste Treatment Facility (CBWTF), its coverage area of surrounding districts, number of hospitals and beds associated with particular common facilities may be established for complete and safe disposal infectious waste. These facilities may be established at such locations so that the entire area of the city and its surroundings may be covered conveniently for effective collection and disposal of Biomedical Waste. Since 2017, the number of HCF's have increased and the Plant/s covering the area are neither using the desired latest technology nor the capacity under which the Plant is operating is sufficient for the areas being covered. M/s Indo Tech Waste Solutions is proposing to develop such a facility to collect and treat for safe disposal of Bio-medical waste in the District Tikamgarh which will covers of districts namely Tikamgarh, Chhatarpur, Panna and Damoh, Niwari with gap analysis as follows:

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Sr. No.	District	Distance	No. of Beds
01	Tikamgarh – Tikamgarh	0 Km	600
02	Tikamgarh – Chhatarpur	59 Km	1,450
03	Tikamgarh – Damoh	71 km	1,000
04	Tikamgarh – Panna	108 Km	1,200
05	Tikamgarh – Niwari	72.86 Km	650
Total Beds			4,900

During presentation, PP submitted that the project will commence only after acquiring necessary NOC from Madhya Pradesh Pollution Control Board for which they have applied for CTE to MP Pollution Control Board which is under process of consideration. PP further submitted that no pakka structure is present at the proposed area only a Kaccha structure is available on the corner of the proposed site which will be demolished and used in filling of the low line area of the project site. The nearest water body is Madan Sagar which is 1.92 Km in NE direction from the proposed project. As the proposed project is proposed in revenue area of Ahar village of Tikamgarh District and the project have their own ETP which will be treated of effluent and the project will not be discharged any pollutants as well as any liquid/solid. The project is planned with the best technology of the area which will not be affected to the surrounding area as well as nearest habitation. Plume dispersion modeling study has been done for incinerator and DG set and site is found suitable for this activity. The planning has been done in accordance with provisions made in the Bio-Medical Waste Management Rules, 2016 published by GOI and Guidelines published by CPCB for Common Bio-Medical Waste Management Treatment Facilities. The incineration through static or rotary kiln is proven and best technology as compared to plasma pyrolysis. The static incinerator technology with dry scrubbing system is well approval and widely adopted technology. Dry scrubber with Ceramic candles filter and catalytic convertor is proposed to avoid wastewater generation. The effluent from floor washing, vehicle washing shall be treated in ETP up to tertiary level and will be reused within the premises. Three row plantations shall be developed all along the boundary to capture the pollutant.

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PP further submitted that DFO vide letter no. 3251 dated 01.06.22 has informed that forest compartment no. P 101 A, is 15 meters away from the proposed location which is in contrary to the uploaded KML image on Parivesh Portal wherein the proposed Project site is falling within in the forest area. Thus committee decided that the location of proposed facility shall be re-confirmed through concerned DFO regarding distance of proposed site from the nearest forest area. Committee deliberated on the issues and recorded that as per the clause 02 of CPCB Guidelines for Common Bio-medical Waste Treatment & Disposal Facility, the responsibility for allocation of area lies with the State Pollution Control Board and MP Pollution Control Board has also published report on “Review of coverage area for Common Bio-medical Waste Treatment & Disposal Facilities of MP” wherein it is stated that every district should have Common Bio-medical Waste Treatment & Disposal Facility for timely collection and disposal of Bio-medical waste. As per specific TOR condition, it was recommended that PP shall carry out comprehensive gap analysis through data authentication from Government agency and justify their proposal for establishment of another CBWTF within 75 kms radius. PP has not submitted the source of data for gap analysis. Thus PP shall get the gap analysis authenticated from Government agency / concerned regional office or head office of M. P. Pollution Control Board, Bhopal. Committee further suggested that if any case is pending in any court of law pertaining to this facility, the order of court shall be final and binding for all concerned and EC shall be subjected to the order of Hon’ble Court/Tribunal. After presentation and discussion PP was asked to submit following revised details:

- 1) DFO vide letter no. 3251 dated 01.06.22 has informed that forest compartment no. P 101 A, is 15 meters away from the proposed location which is in contrary to the uploaded KML image on Parivesh Portal wherein the proposed Project site is falling within in the forest area. Thus committee decided that the location of proposed facility shall be re-confirmed through concerned DFO regarding distance of proposed site from the nearest forest area.
- 2) Status of CTE application submitted to MP Pollution Control Board.
- 3) As per specific TOR condition, it was recommended that PP shall carry out comprehensive gap analysis through data authentication from Government agency and justify their proposal for establishment of another CBWTF within 75 kms radius. PP has not submitted the source of data for gap analysis. Thus PP shall get the gap analysis authenticated from Government agency / concerned regional office or head office of M. P. Pollution Control Board, Bhopal.
- 4) PP shall furnished details of any litigation pending in court of law/NGT and any Judgment passed by Hon’ble Court/Tribunal within against this proposed facility with the summary and order copies.

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- 5) Discussion of Best Available Technology proposed for this facility.
- 6) Revised plantation scheme & species as suggested by the committee with atleast two rows of plantation on the NE side of the facility wherein no plantation was proposed.
- 7) Revised EMP including proposal for CEQMS.
- 8) Revised CER as suggestion given by committee.
- 9) Detailed Carbon emission foot print analysis be submitted considering vehicular emissions as well.
- 10) Address public hearing issues properly with proposed mitigation measures and details of appropriate budgetary provisions as per EMP.

Vide letter dated 26/12/2022 Env. Consultant M/s. Env. Consultant M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram submitted query reply on-line on PARIVESH Portal which were raised in the SEAC 609th meeting Dated 07/12/2022. Hence, this case was scheduled in this agenda.

In this meeting the EIA query reply was presented by Environment Consultant Shri G.K. Mishra (online) from M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram and Mrs. Vandana Parihar PP. During presentation it was observed by the committee that Env. Consultant has submitted on-line query reply on Parivesh Portal those were asked in the SEAC 609th meeting Dated 07/12/2022 wherein PP submitted that as per the instructions of SEAC we have applied to DFO Tikamgarh for the verification of the NOC. Accordingly, we have obtained the verified copy of the same NOC vide letter no. 6904 dated 07/12/2022. DFO vide letter no. 3251 dated 01.06.22 has informed that forest compartment no. P 101 A, is 15 meters away from the proposed location. PP further submitted that they have obtained CTE from the M. P. Pollution Control Board issued on dated 02/01/23. **During presentation PP submitted that they have carried out the gap analysis and as per present scenario 4900 beds are available in Tikamgarh, Chhatarpur, Damoh, Panna and Niwari district and considering the growth of medical facilities for next 10 years and plan of GoMP for establishing one medical college in each district, the establishment of this facility is viable and justified. However, this gap analysis is self assessment of PP and not authenticated by any Government agency / concerned regional office or head office of M. P. Pollution Control Board, Bhopal.** PP further submitted that as per the provisions made in the CPCB Guidelines for Common Bio-medical Waste Treatment & Disposal Facilities at clause 2(b), MP Pollution Control Board has carried out the gap analysis wrt to coverage area in the year 2017 and as per MP PCB report it is recommended that atleast one facility may be allowed in each district as per field conditions.

During presentation PP submitted that the Writ Petition bearing WP No.14846/2022 filed against proposed proponent-Indo Tech Waste Solution by JK Medical Waste Management

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System before Hon'ble MP High Court was dismissed vide order dated 23rd August, 2022 stating that "this Court is not inclined to entertain this writ petition. Therefore, the petition is dismissed". Also, another matter bearing OA No.20/2022 before Hon'ble NGT, wherein neither the PP-Indo Tech Waste Solution nor the nearest BMW facility-JK Medical Waste Management System, were party in the matter, was disposed-off vide order dated 26th August, 2022. Further, as per the order dated 23.08.2022, M/s JK Medical Waste Solution, to date, has not filed any application/ petition in the OA 20/2022 against the PP. Hence, in the light of facts and circumstances, there is no pending litigation before any Court/ Tribunal/ Forum etc. w.r.t. the PP and its BMW Facility - M/s Indo Tech Waste Solution, Tikamgarh, Madhya Pradesh. The proposed faculty is designed as per CPCB norms and standards with following configuration and DG set of 62.50 KVA:

S. No.	Equipment/Machinery	Capacity	Nos.
1.	Static Dry Incinerator	100 kg / hrs.	1
2.	Horizontal Cylindrical Autoclave	2500 ltr./hrs. or 250 kg/batch	1
3.	Shredder	100 kg/hrs.	1
4.	Effluent Treatment Plant	5 KLD	1

PP further submitted that Green belt planning shall be made with ecological perspectives for the project taking into consideration and availability of space and other aspects. This will help in increasing the aesthetic effect of the environment. The trees maintain the regional ecological balance and conform to soil and hydrological conditions shall be planted. Green belt shall be provided at the common biomedical waste treatment facility. Total area for green belt shall be 1347.0 sq. m. (~33.26% of total plot area) and total 270 No. of Trees will be planted. PP submitted that they have revised EMP including proposal for CEQMS, CER as suggestion given by committee and addressed all the issues raised in public hearing. PP submitted that this will be ZLD unit wherein no liquid waste will be discharged outside of plant premises and treated effluent will be used for plantation. All the emissions will be discharged after treatment (through dry scrubber) as per CPCB protocol from the stack of adequate 30 meters height. 270 trees will be planted within the project area and to avoid the odor nuisance Ecksorb will be spread and timely disposal of waste will be carried out. PP submitted that details of other two facilities located near this proposed facility are as follows:

S. No.	Plant Name	Areal Distance	Direction	Road Distance
1.	M/s. J.K. Medical Waste Management System	86.3 Km.	West	103.4 Km.

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	(Chanderi)			
2.	M/s. Devis Surgico C/o Bundelkhand Medical College (Sagar)	103 Km.	South	129 Km.

After presentation committee observed that recently there are number of cases for BMW Disposal Facilities that are being submitted by PP for EC and peoples are also making complaints/representations for these new facilities. A representation is submitted by M/s J. K. Waste Management System on dated 11/01/23 in the SEIAA/SEAC relating to bed capacity of 10,000 beds as per CPCB guidelines of CBWTF. The committee has evaluated the proposals on the basis of siting criteria and environmental sensitivities however, the issue raised by complainer for bed criteria shall be decided by SEIAA.

Committee after deliberations, the submissions and presentation made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of Prior Environment Clearance for Common Bio-Medical Waste Treatment Facility at Khasra No. 758/6, Area 4050 sq. meter at Village - Ahar, Tehsil - Baldevgarh, Dist. Tikamgarh, (MP), through 01 no. of Incinerator of capacity 100 kg/hr. (Dry), 01 no. Autoclave of capacity 250 kg/Hr. , 01 no. Shredder of capacity 100 kg / hr. each ETP capacity- 5 KLD . Land Area- 4050 sq mtrs. (1.0 Acre) at Khasara No 758/6 of M/s Indo Tech Waste Solutions, Shri Vandana Parihar (PP) W.o shri Parmal Parihar (PP) Bhopal, under 7(da) for Common Biomedical Waste Treatment, Storage and Disposal Facilities, with following treatment capacity subject to the following special conditions and subject to any order passed by the Hon'ble Court/Tribunal:

S. No.	Equipment/Machinery	Capacity	Nos.
1.	Static Dry Incinerator	100 kg / hrs.	1
2.	Horizontal Cylindrical Autoclave	2500 ltr./hrs. or 250 kg/batch	1
3.	Shredder	100 kg/hrs.	1
4.	Effluent Treatment Plant	5 KLD	1

I. Statutory Compliance:

- i. The project proponent shall obtain Consent to Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control

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of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.

- ii. Transportation and handling of Bio-medical Wastes shall be as per the Biomedical Wastes (Management and Handling) Rules, 2016 including the section 129 to 137 of Central Motor Vehicle Rules, 1989.
- iii. Project shall fulfill all the provisions of hazardous Wastes (Management, handling and Transboundary Movement) Rules, 2016 including collection and transportation design etc and also guidelines for Common Hazardous Waste Incineration – 2005, issued by CPCB Guidelines of CPCB/MPPCB for Bio-medical Waste Common Hazardous Wastes incinerations shall be followed.
- iv. Project shall fulfill shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.
- v. All other statutory clearances such as the approvals for storage of diesel from Chief Controlled of Explosive, Fire Department Civil Aviation Department shall be obtained, as applicable by project proponent from the respective competent authorities.

II. Air quality monitoring and preservation

- i. The project proponent shall install continuous emission monitoring system including Dioxin and furans to monitor stack emission with respect to standards prescribed in Environment in Environment (Protection) Rules, 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Periodical air quality monitoring in and around the site including VOC, HC shall be carried out.
- iii. Incineration plant shall be operated (combustion chambers) with temperature, retention time and turbulence, so as to achieve Total Organic Carbon (TOC) consent in the slag and bottom ashes less than 3% or their loss on ignition is less than 5% of the dry weight of the materials.
- iv. Adequate air pollution control system should be provided with the incinerator to arrest the gaseous emission with stack of adequate height (Minimum 30 meters) to control particulate emission.
- v. Appropriate Air Pollution Control (APC) system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards. All necessary air

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pollution Control devices (quenching, venturi scrubber, mist eliminatory) should be provided for compliance of emission standards.

- vi. Masking agents should be used for odour standards.

III. **Water quality monitoring and preservation**

- i. The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules, 1986 through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. Waste water generated from the facility shall be treated in the ETP. The water quality of treated effluent shall meet the norms prescribed by State Pollution Control Board. Zero liquid discharge shall be maintained.
- iii. Process effluent /any waste water should not be allowed to mix with storm water.
- iv. Total fresh water use shall not exceed the proposed requirement (5 KLD) as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- v. Zero discharge treatment system shall be provided. No soil contamination is anticipated from the proposed project as the land fill facility will have liner system to arrest any contamination.
- vi. Web based camera shall be installed to monitor the ZLD condition.
- vii. The leachate, if any, from the facility shall be collected and treated to meet the prescribed standards before disposal.
- viii. A drain along the boundary wall shall be made, and shall be connected to settling tank to protect the flow of contaminant towards nearby land
- ix. Run-off from upstream areas will be diverted to settling tank (5mLX5mWX5D) within the premises through drains.
- x. The run-off generation will be minimized by diverting run-off from areas external to the plant to storm water discharge points.

IV. **Noise monitoring and prevention**

- i. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
- ii. The sources of noise generation will Incinerator, pumps, Compressors, etc. All machinery has been manufactured as per OSHA/MoEF guidelines. Earplugs have been provided to workers working in noise prone area.

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- iii. Ambient noise levels is in accordance with MoEF notification dated 14-02-2000 i.e. noise levels will be < 75 dB (A) during daytime and < 70 dB (A) during night time. No additional increase is expected.

V. Energy Conservation measures

- i. Provide solar power generation roof tops of building, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.
- ii. Provide LED lights in their offices and residential areas.
- iii. Power will be required about 35 KVA which have been sourced through Madhya Pradesh Vidyut Vitaran Company Ltd.

VI. Waste Management

- i. Incinerated ash and other shredded or Autoclaved waste shall be disposed at approved TSDF and MoU made in this regard shall be submitted to the SPCB prior to the Commencement.
- ii. The solid wastes shall be segregated as per the norms of the solid Waste Management Rules, 2016.
- iii. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.
- iv. No landfill site is allowed within the CBWTF site.
- v. Regular monitoring and analysis of village Pond flowing nearby and nearby pond shall be carried out
- vi. RCC dyke/platform should be constructed for storage of chemicals and oil drums to avoid spillage.
- vii. The project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB and disposed them as per condition of the authorization.

VII. Green Belt

- i. Green belt shall be developed in area as provided in project details, with native tree green belt shall be developed in an area equal to 33% of the plant area with a native

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tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.

- ii. Green belt planning shall be made with ecological perspectives for the project taking into consideration and availability of space and other aspects. This will help in increasing the aesthetic effect of the environment. The trees maintain the regional ecological balance and conform to soil and hydrological conditions shall be planted. Green belt shall be provided at the common biomedical waste treatment facility. Total area for green belt shall be 1347.0 sq. m. (~33.26% of total plot area). we have proposed total 270 No. of Trees:

S. No.	Botanical Name	Common Name	Numbers and Location
1	Azadirachta Indica	Neem	80 (On Periphery)
2	Polyalthia Longifolia	Ashok tree	30 (On Entry-Exit & Roadside)
3	Roystonea oleracea	Royal bottle palm	20 (Garden Area)
4	Ficus panda	Golden Ficus	20 (Garden Area)
5	Rhapis palm	Lady palm	10 (Garden Area)
6	Mimusops elengi	Molshree	5 (Garden Area)
7	Plumeria Alba	White frangipani	40 (Garden Area)
8	Jasminum	Jasmine Plant	35 (Near by ETP)
9	Alstonia Scholaris	Saptaparni	15 (On Periphery)
10	Putranjivaceae	Putranjiva	15(On Periphery)

IX. **EMP & Corporate Environment Responsibility**

- i. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to during into focus any infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/condition. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six monthly reports.
- ii. In the EMP PP have proposed Rs. 50.50 lakh as capital cost, 9.0 lakh/year for recurring expenses and Rs. 13.00 lakhs for occupation health & safety.

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- iii. PP shall provide budget of Rs 06.00 Lacs under CER budget and shall be incurred as per the proposal given below:

Sr. No.	Proposed CER Activities	Budget (INR) in lakhs
1	Contribution for the Tree Plantation at Kundeshwar Dham Sanctuary Near Tikamgarh through DFO Tikamgarh.	2.5
2	Regular medical health checks up camps in nearby villages.	0.50
3	Distribution of Solar lights, Solar cooker and Ujjwala gas connection to the residents of Ahar village for incremental Carbon sequestration.	2.0
4	Additional Plantation of 1000 trees on near by forest and Village area @ 100 Rs. Each.	1.0
	Total CER Budget	6.0

- iv. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- v. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Officer along with the six monthly Compliance Report.
- vi. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

X. Miscellaneous

- i. The project authorities must strictly adhere to the stipulation made by the State Pollution Control Board and the State Government.
- ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- iii. No further expansion or modification in the plant shall be carried out within prior approval of the Ministry of Environment Forests and Climate Change (MoEF & CC).
- iv. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the (Prevention & Control of

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Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules any other orders passed by the Hon'ble Supreme Court of India/ High Courts/NGT any other Court of Law relating to the subject matter.

17. Case No 8769/2021 M/s. Wonder Cement Ltd, Shri P. Patidar, Director, 17, Old Fatehpura, Seva Mandir, Dist. Udaipur, Raj. - 313004 Prior Environment Clearance for Expansion in Limestone Quarry in an area of 44.293 ha. (Limestone - 200000 Tonne per annum, Sub Grade / Screen Reject - 15055 Tonne per annum) (Khasra No. 1, 2/1, 2/2, 3, 4/1, 4/2, 4/3, 4/4/1, 4/4/2, 4/4/3, 4/4/4, 4/4/5, 4/5, 30, 37, 40/1, 41/1, 41/2, 42/1, 44, 45, 46, 47, 48), Village - Kosdana, Tehsil - Gandhwani, Dist. Dhar (MP). Env. Consl.: Shri S.S. Bist M/s. Udaipur Min-Tech Pvt. Ltd., Udaipur.

This is case of Limestone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1, 2/1, 2/2, 3, 4/1, 4/2, 4/3, 4/4/1, 4/4/2, 4/4/3, 4/4/4, 4/4/5, 4/5, 30, 37, 40/1, 41/1, 41/2, 42/1, 44, 45, 46, 47, 48), Village - Kosdana, Tehsil - Gandhwani, Dist. Dhar (MP) 44.293 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 528th SEAC dated 23/11/2022 wherein ToR was recommended. PP has submitted the EIA report forwarded by SEIAA on-line and the same was scheduled in the agenda. As per the decision taken during TOR presentation, site visit was conducted by a sub-committee of SEAC and inspection report was discussed in the 541st SEAC meeting dated 20.01. 2022.

आज दिनांक 14/11/22 को परियोजना प्रस्तावक श्री सुनील देशमुख (ऑनलाईन), जनरल मैनेजर, पर्यावरण और उनकी ओर पर्यावरण सलाहकार श्री एस.एस. बिष्ट, मेसर्स उदयपुर मिनटेक प्रा.लि., उदयपुर, राजस्थान उपस्थित हुए। प्रस्तुतीकरण के दौरान परियोजना प्रस्तावक ने बताया कि आर.ओ.एम. 2,15,055 मेट्रिक टन प्रतिवर्ष है जिसमें से 2,00,000 मेट्रिक टन प्रतिवर्ष लाईम स्टोन है तथा 15,055 मेट्रिक टन प्रतिवर्ष सब ग्रेड रिजेक्ट है। इस परियोजना के अंतर्गत एक 250 टी.पी.एच. का क्रेशर विथ वायब्रेटिंग स्क्रीन भी लगाया जाना प्रस्तावित है। प्रस्तुतीकरण के दौरान यह पाया गया कि यह खदान शासकीय एवं निजी भूमि पर आक्शन के माध्यम से आवंटित एक लाईम स्टोन खदान हैं, जिसका कुल रकबा 44.293 हे. है, जिसमें से 28.642 हे. शासकीय भूमि तथा 15.651 हे. निजी भूमि है। निजी भूमि का अभिग्रहण किया जाना बाकी है तथा अनुमोदित खनन योजना अनुसार खनन कार्य अभी शासकीय भूमि 28.642 हे. पर किया जायेगा तथा धीरे-धीरे निजी भूमि का अधिग्रहण खनन कार्य शुरू होने के पश्चात् करा लिया जायेगा। परियोजना प्रस्तावक ने यह भी बताया कि खनन के प्रारम्भ में कोई पेड़ काटा जाना प्रस्तावित नहीं है अपितु परियोजना अवधि में 40 पेड़ों की पुर्नस्थापना की जाना प्रस्तावित की गई है। आवंटित खनन क्षेत्र के दक्षिण-पूर्वी दिशा में 200 मीटर पर जलाशय/एनीकट है जिसके सुरक्षा हेतु चेक डेम, गारलेन ड्रेन एवं सेटलिंग टैंक का प्रस्ताव दिया गया है। जन सुनवाई में स्कूल

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एवं हास्पिटल का निर्माण, पाईप लाईन की सिफ्टिंग, गांव एवं परिवहन मार्ग पर वृक्षारोपण, सड़क का निर्माण, जन-स्वास्थ्य के कार्य इत्यादि कार्य हेतु सुझाव प्राप्त हुए थे जिसको ई.एम.पी. एवं सी.आर. में शामिल किया गया है । प्रस्तुतीकरण पश्चात् के समिति ने परियोजना प्रस्तावक को निम्न जानकारी प्रस्तुत करने के निर्देश दिए गए :-

1. समिति के सुझावे अनुसार पुनरीक्षित वृक्षारोपण योजना वित्तीय प्रस्ताव सहित, जिसमें खदान के अतिरिक्त अन्य जगहों जैसे : स्थानीय स्कूल, गाँव इत्यादि में प्रस्तावित वृक्षारोपण तथा धार वन मण्डलाधिकारी से शासन के निर्देशानुसार सी.ई.आर. के तहत 10.00 हे. की भूमि पर सघन वृक्षारोपण हेतु योजना ।
2. भूमि अपरदन रोकने के लिए उत्तर-पूर्व दिशा में बैरियर जोन के समीप अतिरिक्त चेकडेम (नक्शों में दर्शाते हुए) का प्रस्ताव ।
3. स्थल निरीक्षण दौरान दिए गए निर्देशानुसार उत्तर-पूर्व दिशा में स्थित नाले में स्टोन पिचिंग का कार्य किया गया है, अतः कितने क्षेत्र में पिचिंग का कार्य किया जाना है, का विवरण ।
4. लीज क्षेत्र में से निकल रही पाईप लाईन का डायवर्जन प्रस्तावित किया गया है, जिस हेतु ग्राम पंचायत की सहमति प्राप्त की जाये ।
5. आवंटित खनन क्षेत्र में 15.651 हे. जो निजी भूमि है वह किन-किन आदिवासियों की है उसे खसरा नंबर के हिसाब से तालिका व खसरा मेप पर (भूमि के माप) से दर्शाया जाये तथा निजी भूमि खनन कार्य हेतु उपयोग में लाई जानी है, अतः उन सभी से किये गये एग्रीमेंट की फोटो प्रति प्रस्तुत की जाये ।
6. आवंटित खनन क्षेत्र में 15.651 हे. आदिवासियों की निजी भूमि को खनन कार्य में उपयोग करने पर भूमि स्वामी आदिवासी को क्षतिपूर्ति (Compensation) किस नियम से कितना-कितना दिया जायेगा तथा खनन कार्य पश्चात् किस प्रकार इस निजी भूमि को कृषि कार्य हेतु पुनर्स्थापित (Restore) किया जायेगा, वित्तीय प्रस्ताव ई.एम.पी. में शामिल कर प्रस्तुत करें ।
7. आवंटित खनन क्षेत्र में 15.651 हे. निजी भूमि का वर्तमान कृषि उत्पाद तथा उसका मूल्य क्या है की जानकारी प्रमाणिक स्रोत से प्राप्त कर प्रस्तुत की जाये ।
8. चूँकि खनन कार्य हेतु शासकीय भूमि का उपयोग किया जायेगा, अतः समतुल्य भूमि पर चारागाह विकास की योजना प्रस्तुत करें । उक्त विषय में वन विभाग से भी चारागाह भूमि विकास हेतु चर्चा कर वन भूमि पर चारागाह योजना प्रस्तुत की जा सकती है ।
9. टॉर बिंदु क्रमांक-37 अनुसार वाटर होल के संरक्षण हेतु स्थानीय उपयोगकर्ताओं से चर्चा कर समुचित योजना प्रस्तुत करें ।
10. आवंटित खनन क्षेत्र के पूर्वी भाग में स्थित मन नाले के एच.एफ.एल. से खदान की दूरी (एच. एफ.एल. को नक्शों पर दर्शाते हुए) तथा मन नाले से मिलने वाले सरफेस ड्रेन्स के संरक्षण हेतु उनके किनारों पर स्थानीय घास प्रजाति के वृक्षारोपण की योजना ।

PP Vide letter dated 28/12/2022 submitted query reply on-line on PARIVESH Portal which were raised in the 606th SEAC dated 14/11/2022 and online file is received in SEAC account hence, this case was scheduled in this agenda. It was informed to the committee that this case was delisted by the SEAC in the 614th SEAC meeting dated 23/12/22 and was

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sent to SEIAA. In the mean time PP has uploaded the reply through Parivesh Portal and the online case file was forwarded to SEAC by system. On examination of this situation and subsequent discussion with Mr. Ashwin Singh (representative of MoEF&CC) who informed that as per Parivesh Portal those case file which are delisted by SEAC for non submission of information, if PP submits the desired information before its delisting by SEIAA, the online file will be sent to SEAC automatically by system and in case if the file is delisted by SEIAA, the reply submitted by PP will be routed through SEIAA to SEAC. Committee recommends that since online file is sent to SEAC by system, the case shall be appraised and recommendations be sent to SEIAA for onward necessary action and this new procedure shall also be brought in to the notice of SEIAA.

The case was presented by the PP wherein PP replied following points wrt to query raised in the 606th SEAC meeting dated 14/11/2022 – wherein PP submitted:-

- Revised Green Belt Development plan with budgetary provisions in mine area including Village area, schools in village area as suggested by the committee.
- PP proposed 10nos. of check dam in southern direction of ML area and as per suggestion by Hon'ble Committee additionally 06 No. of Check dams proposed in north east direction to prevent the soil degradation which will be completed in first year.
- The 06 No. of Check dam (each having 25 sq. Meter stone pitching) with total stone pitching in 150 sq. meter area is proposed in north direction to prevent the soil degradation.
- PP submitted request letter to Gram panchayat, Kosdana vide letter dated 27th Nov 2022 for shifting/ diversion of existing three pipelines from the lease area. Eexpenditure (approx. 5 lakh) will be born by Wonder Cement Limited.
- Out of total Mining lease / allocated auction mining block of 44.293 Ha. area, 28.642 Ha. land is govt. waste land and remaining 15.651 Ha. is a private land. Khasara wise details are provided.
- Surface rights of the Private land that belongs to tribal land owners will be required at the later stage of mining and will be acquired in phase manner through District Collector as per the MP state Government norms.
- Proposed mine area is mostly rocky and exposed by limestone mineral. As per the land records, there is no grazing land is involved in proposed mine lease area.
- The water hole is present outside of the mining lease area and cannot develop for villagers due it is exist in other area. However we have also proposed stone wall with fencing for protection. Cost for implementation: 2 lakh.

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- Proposed allocated mining lease area is at a distance of 122 m from the from the HFL of man nallah situated in the eastern part of the mining lease. for which PP proposed 2.0 lakh budget to carry out the plantation of local grass on Edge of the nallah for the protection of surface drains.
- Submitted revised CER/CSR and EMP.

During presentation committee suggested that for plantation through forest department, money shall be transferred in phased manner on the basis of quality & quantity of plantation work. The submitted query replies which was placed before the committee which was found satisfactory and acceptable to the committee. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Limestone mine in an area of 44.293 ha. (Limestone - 200000 Tonne per annum, Sub Grade / Screen Reject - 15055 Tonne per annum) and Crusher With Vibrating Screen 250 TPH Within ML Area (Khasra No. 1, 2/1, 2/2, 3, 4/1, 4/2, 4/3, 4/4/1, 4/4/2, 4/4/3, 4/4/4, 4/4/5, 4/5, 30, 37, 40/1, 41/1, 41/2, 42/1, 44, 45, 46, 47, 48), Village - Kosdana, Tehsil - Gandhwani, Dist. Dhar (MP).subject to the following special conditions:

(A) PRE-MINING PHASE

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out plantation /fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.
9. Rejects shall be sold only after approval of the State Government as per the prevailing rules & regulations.

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10. For plantation through forest department, suitable amount shall be transferred to the department in phased manner on the basis of quality & quantity of plantation work completed.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation Western side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used.
15. No dump shall be stacked outside the lease area.
16. Water sprinklers shall be provided in mine in haulage road.
17. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
18. Peripheral plantation all around the mine boundary (7.5 m) shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP total trees shall be planted and distributed to the nearby villagers around 28,683 nos. shall be planted on barrier zone and along the transportation route. As per following plan:-

S.N.	Area for the Plantation	Area in Ha.	Total No. of Plant	Cost Per Plant (INR)	Total Capital Budget (INR)	Implementation year	Name of Species
1	Plantation in 7.5 mtr statutory barrier zone & Replacement of Cut trees against 40 tress	3.117	8193	200	16,38,600	I & II	<ul style="list-style-type: none"> • Neem (<i>Meliaceae</i>), • Sitafal (<i>Annona squamosa</i>), • Kachnar (<i>Bauhinia racemosa</i>) • Karanj (<i>Pongamia pinnata</i>) • Chirol (<i>Holoptelea integrifolia</i>) • Jangal Jalebi (<i>Pithecellobium</i>) • Shisham (<i>Dalbergia sissoo</i>) • Khamer (<i>Gmelina arborea</i>)

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2	Plantation on Approach Road - outside the ML area from Mine area to Major District Road (MDR) 1678 Meter	1.0068	1340	500	6,70,000	I&II	<ul style="list-style-type: none"> • Chirol (Holoptelea integrifolia) • Khamer (Gmelina arborea) • Neem (Meliaceae), • Kadam (Mitragynaparvifolia) • Kachnar (Bauhinia racemosa) • Karanj (Pongamia pinnata)
3	Distribution to the Villagers. (Kosdana, Khoja kuwa, Anjantad)	--	5000	100	5,00,000	I&II	<ul style="list-style-type: none"> • Aam (Mangifera indica) • Nimbu (Citrus limon) • Kathal (Artocarpus heterophyllus) • Amrud (Psidium guajava) • Karanj (Pongamia pinnata) • Jamun (Syzygiumcumini) • Aavla (Phyllanthus emblica) • Anar (Punica granatum) • Imli(Tamarindus indica)
4	Plantation in Govt. Schools (Kosdana, Khoja kuwa, Anjantad)	--	1000	250	2,50,000	I&II	<ul style="list-style-type: none"> • Kadam (Mitragynaparvifolia) • Kachnar(Bauhinia racemosa) • Neem (Meliaceae), • Jamun (Syzygiumcumini) • Arjun(Terminalia arjuna)
	Panchayat area(Kosdana)		1000	250	2,50,000		
	Hospitals (kosdana)		150	250	37,500		<ul style="list-style-type: none"> • Kadam (Mitragynaparvifolia) • Kachnar(Bauhinia racemosa) • Neem (Meliaceae), • Jamun (Syzygiumcumini) • Arjun(Terminalia arjuna) • Aavla (Phyllanthus emblica) • Hara baheda (Terminalia bellirica)
5	Plantation in consultation with DFO & maintenance cost (Tentative)	10	12,000	300	36,00,000		• -----
Total area 14.1 ha i.e. 33% of Total ML area		14.1	Total Amount		69,46,100		<ul style="list-style-type: none"> • Budget for maintaining of Green belt inside the ML area : 4,48,985

19. Transportation of material shall be done in covered vehicles.

20. Transportation of minerals shall not be carried out through forest area.

21. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.

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22. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine.
23. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and settling tank should be carried out.
24. For dust suppression water sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
25. The existing and proposed land use plan of the mine is as follows:
26. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized as per CSR/CER plan proposed. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
27. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
28. The commitments made in the public hearing are to be fulfilled by the PP.
29. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
30. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

31. In the proposed EMP, capital cost is Rs. 215.70 Lakhs is proposed and Rs.20.30 Lakh /year as recurring expenses.
32. PP has proposed following table based on physical targets public hearing under CER/CSR:-

Budgeted Amount in Lakh						
Issues raised by / Requirement	Activity	Estimation basis	1st yr.	2nd yr.	3rd yr	Capital Cost
(A) Time bound action plan to address issue raised during Public Hearing / Public Consultation						
TersinghDoda ve Father name – BapusinghDoda ve Village Khojakunaa	Shifting of 3 water pipeline	Shifting of 3 no. of Temporary water Pipeline of Khojakuwa village people of 1000 meter each from the mine lease area	5	--	-	5
	Construction of Borewell	Construction of Borewell for drinking water purpose	1	-	-	1

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Summary of PH MOM	Renovation of Classrooms/ Boundary wall / Roof/ Electrification /Painting work and Girls & Boys Toilet blocks etc.in schools	@350000 per school of each Village in consultation with Gram panchayat and Administration	3.5	-	-	7
			-	3.5	-	
	Supply of Furniture in Schools as per requirements	@2000 per set (table and chairs) in consultation with Gram panchayat and Administration	2	-	-	4
			-	2	-	
Pradeep Jamra, Sarpanch, Village - Kosdana,	Refurbishment and Infra support to Govt. sub health centre as per Gram panchayat and administration requirement and to equip with Covid Care Facilities to make model village	Purchase of essential furniture like patient bed, examination couch, table, chair, labour table, stretcher, trolley, wheel chair, Sanitary pad vending & incinerator machine, Medical Furniture, Renovation of Buildings etc.as per Gram panchayat and administration requirement	-	4	-	8
			-	-	4	
Summary of PH MOM	Development of Plantation in Public Place, Schools, Hospitals, panchayat with tree Guard	@1500 per Plant with tree guard for 500 plants	3	-	-	7.5
			-	3	-	
			-	-	1.5	
Sub Total			14.5	12.5	5.5	32.5
(B) ESR/CSR Plan as per TOR requirements						
TOR Specific condition - 17 and General	Street lights for Model Villages	Solar powered LED street lights 18W, lithium battery auto operated	4	-	-	7
			-	2	-	
			-	-	1	

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Condition 33	Distribution of Solar Cooker or financial support for availing LPG Gas connection to Mine worker Under UjawalaYojna to on role Mine worker as per TOR requirement	Distribution of Solar Cooker or financial support for availing LPG Gas connection to Mine worker Under UjawalaYojna to on role Mine worker as per TOR requirement	1.75	1.75	1.50	5.00
	Construction works for Model Village as per requirement of community or direction of Govt.	Construction works for Model Village as per requirement of community or direction of Govt.	7	7	7	21
	Total		12.75	10.75	9.5	33
Specific condition - 17 and General Condition 33	Support for students for preparation of Board examination, scholarship and Facilitation of best performing girls-boys	Rs 1000 per child for guide book, note book etc	1	-	-	3
			-	1	-	
			-	-	1	
	Supply of computers set with all in one printers	Rs 32400 for Computers and 22600 for printer = 55000	-	0.55	0.55	1.65
			0.55	-	-	
	Solar Panel in School	Established 2 KVA net metering solar panned system in schools	-	1	-	2
			-	-	1.00	
	Supply of	@25000 rupees per schools	0.25	-	-	0.75

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	Sports kit to children	for cricket kit/football kit/vollyboll kit etc for one sports of their choice	-	0.25	-	
			-	-	0.25	
	Total		1.8	2.8	2.8	7.4
General Condition - 33	Six Monthly Medical Checkup / awareness camp for Oral Hygiene, Diabetes and Blood Pressure in partnership with Govt. Block Department	Rs. @40000 Per camp includes tent, sitting arrangement, free medicine, refreshment, poster, awareness, medical team etc.	0.04	0.04	0.04	0.24
			0.04	0.04	0.04	
	Periodic Veterinary Health Check UP Camp on six monthly Basis covering in each villages to cover livestock	Rs. 50000 camp includes tent, sitting arrangement, check up by Govt medical team ,supply of vaccines etc.	1	1	1	3
	Total		1.08	1.08	1.08	3.24
General Condition 34	Distribution of Fruits plants, medicinal Plants, suitable to Local climatic Conditions	@150 per plants for 1000 plants	0.375	-	0.375	1.5
			-	0.75	-	
	Plantation work for the development of adjoining forest land in consultation with concerned	50000 per bigha for plantation, channeling, fencing, hybrid plants, developed 10 bigha of forest land	5	-	-	5

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	DFO					
	Grazing Land Development through gram panchayat	Distribution of Good Quality grass Seeds to Panchayat for development of Grazing Land @ 50 thousand per village	2.5	3	2.5	8
	Total		7.875	3.750	2.875	14.50
Specific condition - 17	Support to existing SHG for their livelihood	Support to women for their livelihood enhancement through existing self help groups by ICDS, women department of Govt.	1	-	-	2.5
			-	0.5	-	
			-	-	1	
	Project Coordinator, field workers, travel & other cost for implementation of activity	Experienced development professional & local field workers, project coordinators to execute above activities in time bound manner	3	3	3	9
	Sub Total		4	3.5	4	11.5
	Sub Total (B)		27.51	21.88	20.26	69.64
	Total (A+B)		42.01	34.38	25.76	102.14

33. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
34. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
35. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
36. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

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18. जिला सर्वेक्षण रिपोर्ट भिण्ड (रेत खनिज)

सिया के पत्र क्रमांक 728 दिनांक 08.06.2022 के द्वारा जिला भिण्ड की जिला सर्वेक्षण रिपोर्ट अनुमोदित की गई थी । कार्यालय कलेक्टर (खनिज शाखा) जिला भिण्ड म.प्र. ने पत्र क्रमांक 6763 दिनांक 29/12/22 के माध्यम से अवगत कराया गया कि उनके द्वारा भिण्ड जिले की (रेत खनिज) नवीन जिला सर्वेक्षण रिपोर्ट अनुमोदन हेतु प्रस्तुत की जा रही है, क्योंकि पूर्व में अनुमोदित डी0एस0आर0 में रेत खदानों के सभी जी.पी.एस. कॉर्डिनेट के आधार पर क्षेत्र में परिवर्तन, रेत खनिज मात्रा में REPLENISHMENT STUDY REPORT के आधार पर रेत खनिज मात्रा में संशोधन करने एवं ग्राम गोरम 1472, चंद्रावली व भरौलीखुर्द रेत खदानों में निजी सर्वे नंबर होने से संशोधन करने हेतु पुनः जिला स्तरीय समिति के सदस्यों द्वारा सस्टेनेबल सेण्ड माइनिंग मैनेजमेंट गाईडलाईन, 2016 एवं इनफोर्समेंट मॉनिटरिंग फार सेण्ड माइनिंग 2020 के निर्देशों के तहत प्रारूप जिला सर्वेक्षण रिपोर्ट (DSR) का तैयार की गई। प्रारूप डीएसआर को 21 दिवस की अवधि हेतु जिले के पोर्टल (bhind.nic.in) पर तथा हार्डकॉपी खनिज कार्यालय भिण्ड में आमजन के दाबा/आपत्ति एवं सुझाव हेतु रखी गयी। प्राप्त दाबा/आपत्तियों का समिति द्वारा अवलोकन एवं निराकरण कर उक्त जिला सर्वेक्षण रिपोर्ट को अद्यतन किया गया। पूर्ण परीक्षण उपरांत जिला सर्वेक्षण रिपोर्ट (DSR) के भौतिक और भौगोलिक क्षेत्रों से संबंधित प्रासंगिक तथ्यों के सही पाये जाने पर समिति द्वारा अनुमोदन कर प्रतिवेदन प्रस्तुत किया गया।

अध्यक्ष महोदय की अनुमति से दिनांक 11/01/23 को सेक की 618वीं बैठक के दौरान श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड समिति के समक्ष प्रस्तुतीकरण के हेतु उपस्थित हुए । समिति ने प्राप्त जिला सर्वेक्षण रिपोर्ट का अवलोकन किया एवं पाया कि कई खदानों में लीज क्षेत्र में परिवर्तन, खनन की गहराई में परिवर्तन एवं उत्पादन क्षमता में परिवर्तन किया गया है । अतः समिति ने उपस्थित श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड को निर्देशित किया कि वे पूर्व में अनुमोदित जिला सर्वेक्षण रिपोर्ट एवं वर्तमान में प्रस्तुत जिला सर्वेक्षण रिपोर्ट का तुलनात्मक विवरण प्रस्तुत करें ताकि यह ज्ञात हो सके कि किन-किन खदानों में क्या-क्या परिवर्तन हुआ है। समिति ने यह भी निर्देशित किया कि यदि श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड चाहें तो जिला सर्वेक्षण रिपोर्ट में सुधार कर पुनरीक्षित जानकारी दिनांक 12/01/23 को प्रस्तावित सेक की 619वीं बैठक के दौरान कर सकते हैं ।

श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड द्वारा तुलनात्मक शीट तैयार कर समिति के समक्ष दिनांक 12/01/23 को समिति की 619वीं बैठक में पुनः प्रस्तुत किया गया है । समिति ने प्राप्त पुनरीक्षित जानकारी का अवलोकन किया एवं पाया कि प्रस्तुत तुलनात्मक विवरण में रिमार्क कॉलम को जोड़कर यह बताया जाये कि जिन खदानों में उत्पादन क्षमता बढ़ी/ कम हुई है उसका कारण क्या है। क्षेत्र एवं गहराई कैसे बढ़ी के संबंध में स्पष्टीकरण चाहा गया । समिति ने यह भी निर्देशित किया कि यदि श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड चाहें तो जिला सर्वेक्षण रिपोर्ट में सुधार कर पुनरीक्षित जानकारी दिनांक 13/01/23 को प्रस्तावित सेक की 620वीं बैठक के दौरान कर सकते हैं ।

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श्री दिनेश सिंह डुडवे, प्रभारी खनि निरीक्षक, जिला भिण्ड द्वारा समिति से प्राप्त निर्देशों के अनुरूप तुलनात्मक शीट तैयार कर समिति के समक्ष दिनांक 13/01/23 को समिति की 620वीं बैठक में पुनः प्रस्तुत किया गया। समिति ने पाया कि प्रभारी खनि निरीक्षक, जिला भिण्ड ने पत्र क्र० क्यू दिनांक 13/01/23 के माध्यम खदान की वांछित जानकारी प्रस्तुत कर दी है। अतः समिति की अनुशंसा है कि भिण्ड जिले की जिला सर्वेक्षण रिपोर्ट (रेत खनिज) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित की जाये।

19. जिला सर्वेक्षण रिपोर्ट, कटनी (अन्य गौण खनिज – रेत को छोड़कर)

आज दिनांक 13/01/2023 को कटनी जिले की जिला सर्वेक्षण रिपोर्ट प्रस्तुत की गई। समिति ने पाया कि कटनी जिले की जिला सर्वेक्षण रिपोर्ट पत्र क्र० 07 दिनांक 04/01/23 के माध्यम से सेक प्राप्त हुई है जिसको परीक्षण करने पर यह पाया कि बार-बार अवगत (दिनांक 21/09/22 एवं 14/12/22) कराने के बावजूद भी कटनी जिले की जिला सर्वेक्षण रिपोर्ट को निर्धारित प्रपत्र अनुसार सही जानकारी के साथ प्रस्तुत नहीं किया जा रहा है जिस पर समिति ने अप्रसन्नता व्यक्त की। समिति ने प्राप्त जिला सर्वेक्षण रिपोर्ट का अवलोकन करने पर पाया कि चेप्टर क्रमांक-25 के अंतर्गत सरल क्रमांक-9, 18, 19 इत्यादि में किये गए वृक्षारोपणों की संख्या दी गई है, उनको जब नमूने के तौर पर (रेन्डमली) सत्यापन करने पाया गया कि जिला सर्वेक्षण रिपोर्ट में दिए गए को-आर्डिनेट अनुसार गूगल पर देखने से किए गए वृक्षारोपण के संख्या की पुष्टि नहीं होती तथा ऐसा प्रतीत होता है कि दी गई जानकारी में त्रुटि है, अतः समिति की अनुशंसा है कि संबंधित खनिज अधिकारी उपरोक्त जानकारी को पुनः सत्यापित कर वास्तविक वृक्षों की संख्या के साथ जिला सर्वेक्षण रिपोर्ट को पुनः समिति के समक्ष अनुमोदन हेतु प्रस्तुत करें।

20. अध्यक्ष महोदय की अनुमति से अन्य विषय पर चर्चा –

पूर्व में सेक द्वारा प्रकरणों के प्रस्तुतीकरण के दौरान राष्ट्रीय उद्यान / अभ्यारण्य या वन क्षेत्र से दूरी की पुष्टि हेतु संबंधित जानकारी एकल प्रमाण पत्र के माध्यम से या वन विभाग के सक्षम प्राधिकारी से प्राप्त जानकारी के आधार पर किया जाता था।

विगत कुछ महीनों से पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा परिवेश-2 पोर्टल के माध्यम से आवेदन स्वीकार कर सिया के माध्यम से सेक को प्राप्त हो रहे हैं जिसमें वन विभाग से संबंधित जानकारी (राष्ट्रीय उद्यान / अभ्यारण्य / वन क्षेत्र) की जानकारी डिजिटालाइज्ड मैप के माध्यम से अन्य मैप्स के साथ एक प्लेटफॉर्म पर उपलब्ध करा दी गई है।

परिवेश-2 पर इन डिजिटालाइज्ड मैप के माध्यम से प्रकरणों के प्रस्तुतीकरण के दौरान यह देखने में आया है कि कई प्रकरणों में एक प्रमाण पत्र के अनुसार आवेदित क्षेत्र वनसीमा से 250 मीटर से अधिक दूरी पर है (प्रकरण क्र. 9401/606, 9423/608, 9228/609, 9490/614, 9518/616, 8720/618, 9042/619 इत्यादि) किंतु परिवेश-2 पर अपलोडिड डिजिटालाइज्ड मैप के अनुसार वह आवेदित क्षेत्र 250 मीटर की सीमा के अंदर दिख रहा है। ऐसी स्थिति में समिति ने पूर्व में यह निर्धारित किया था कि

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इसका पुर्न सत्यापन वन विभाग के सक्षम प्राधिकारी के माध्यम से करवाया जाये तथा प्रकरण में ADS जारी किये गये ।

विगत बैठको के दौरान परियोजना प्रस्तावको व पर्यावरणीय सलाहकारों ने समिति को यह अवगत कराया कि परिवेश-2 पर अपलोडिड लेयर के डिस्कलेमर में यह लिखा है कि "MoEFCC/NIC is not responsible for the positional inaccuracies, completeness or quality of the maps provided. Map data/Indicative list of clearances provided here is for guidance purpose only. It does not constitute a legal opinion or advice". अतः एकल प्रमाण-पत्र या संबंधित सक्षम वन अधिकारी द्वारा पूर्व में की गई जानकारी को आधार मानकर निर्णय लिया जावे । ताकि प्रकरणों के निराकरण में बिलंब न हो ।

समिति में उपरोक्त तथ्यों का अवलोकन किया व पाया कि पूर्व में कुछ प्रकरण जिनमें ADS जारी किया गया था उनके प्रत्युत्तर में वन विभाग द्वारा वन सीमा से दूरी के संदर्भ में जो सत्यापित जानकारी प्रस्तुत की गई वह वही थी जो उनके द्वारा पूर्व में एकल प्रमाण-पत्र के माध्यम से दी गई थी ।

अतः समिति की अनुशंसा है कि ऐसे प्रकरणों में जहां परिवेश-2 के अनुसार आवेदित क्षेत्र वन सीमा में आ रहा हो किंतु एकल प्रमाण पत्र / वन विभाग के सक्षम प्राधिकारी द्वारा उसे वन सीमा से बाहर बताया गया है उनमें निर्णय एकल प्रमाण-पत्र या वन विभाग के सक्षम प्राधिकारी द्वारा प्रस्तुत जानकारी के आधार पर ही लिया जाये ताकि प्रकरणों के निराकरण में विलंब न हो एवं तदनुसार यह अनुशंसा सिया के अनुमोदन हेतु प्रेषित की जाये ।

(चंद्र मोहन ठाकुर)
सदस्य सचिव

(डॉ. पी.सी. दुबे)
अध्यक्ष

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Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

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21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board (in hindi) with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.) with latitude and longitude.
 - c. Length, breadth, sanctioned depth of mine and mining time.
 - d. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - e. Method of mining (Manual/Semi Mechanised) and Blasting or Non-blasting.
 - f. Plantation and CER activities.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. Before onset of monsoon season as per submitted plantation scheme fruit bearing species preferably of fodder / native shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by

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PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.

35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.

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18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
24. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
25. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - g. Lease owner's Name, Contact details etc.
 - h. Mining Lease area of the project (in ha.) with latitude and longitude.
 - i. Length, breadth and sanctioned depth of mine.
 - j. Minable Potential of sand mine.
 - k. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - l. Method of mining (Manual/Semi Mechanised)
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.

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31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

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14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - m. Lease owner's Name, Contact details etc.
 - n. Mining Lease area of the project (in ha.) with latitude and longitude.
 - o. Length, breadth and sanctioned depth of mine.
 - p. Minable Potential of sand mine.
 - q. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - r. Method of mining (Manual/Semi Mechanised)
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.

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30. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give

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- an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
 17. All the necessary NOC's duly verified by the competent authority should be annexed.
 18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
 19. The EIA report should clearly mention activity wise EMP and CER cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CER cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
 20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
 21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
 22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
 23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
 24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
 25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples. Additionally in one soil sample, pesticides shall also be analyzed.
 26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
 27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
 28. The project proponent shall provide the mitigation measures as per MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
 29. LPG gas shall be provided for camping labour under "Ujjwala Yojna .
 30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
 31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The under taking interalia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
 32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter-alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
 33. Under CER scheme commitments with physical targets shall be included in EIA report for:

✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.

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- ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
- ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
 - ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using "Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Forest Department/ through Gram Panchayat on suitable community land in the concerned village area.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
 - ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

35. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
36. Detailed analysis of availability and quality of the drinking water resources available in the block.
37. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
38. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.

खदान क्षेत्र में किये जाने वाले वृक्षारोपण हेतु निर्देश :-

- नोट 1 :-** स्थल विशेष हेतु प्रजातियों के चयन में स्थानीय मृदा के प्रकार, संरचना, गहराई को ध्यान में रखकर रोपण किया जाना चाहिए ।
- नोट 2 :-** विषय विशेषज्ञ, उक्त विषय में रुचि रखने वाले स्थानीय जानकारों से राय ली जाने की सलाह है ।
- नोट 3 :-** पौधों की बढ़त हेतु सड़ी गोबर की खाद, केचुआ खाद, आवश्यक होने पर अच्छी मृदा का उपयोग, समय पर रोपण, पौधों की देख-रेख, मृदा नमी को बनाये रखने हेतु मल्टिपल जल-संरचनाओं का निर्माण, निदाई-गुड़ाई, सिंचाई एवं सुरक्षा का पर्याप्त उपाय करना चाहिए ।
- नोट 4 :-** पौधों की ऊँचाई/गोलाई -
- नोट 5 :-** भू-क्षरण स्थल पाये जाने पर भू-संरक्षण का कार्य (विशेष रूप से वाटर चैनल के किनारे तथा उत्पत्ति स्थान पर) किया जाना चाहिए ।
- नोट 6 :-** रोपित पौधों का मापदंड एवं अन्य कार्य

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क्र.	स्थल	ऊँचाई न्यूनतम्	गोलाई न्यूनतम्
1.	बैरियर जोन/नॉन माईनिंग क्षेत्र	02.5 – 03.0 फिट	03–05 से. मी.
2.	रोड साईड/स्कूल/ ऑगनवाडी	03.5 – 05.5 फिट	05–10 से.मी.
3.	पौधों के चारों ओर निदाई-गुड़ाई, थाला (1.5 मी.गोलाई में) तीन वर्षों तक ।		
4.	आवश्यकतानुसार सिंचाई एवं प्राथमिकता पर जैविक खाद		

नोट 7 :- बीज बुआई एवं अंकुरण पश्चात् देख-रेख –

- स्थानीय स्तर पर बीज संग्रहण एवं गुड़ाई/जुताई उपचार, वर्षा पूर्व रोपण। जामुन, महुआ, नीम, साल बीज का रोपण बीज गिरने के तुरंत (07 दिवस के अंदर) पश्चात् रोपण ।
- अंकुरण पश्चात् 4 से 6 पत्तियाँ आने पर, पौधे के चारों तरफ निदाई-गुड़ाई एवं सड़ी गोबर की खाद डालना।
- बीज रोपण तीन वर्षों तक लगातार पौधों की जीवितता एवं सफलता के आधार पर करना ।
- सीड-बाल विधि से भी बीज रोपण किया जा सकता है।